

# StarAccess2000



# Software Manual

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April 8, 2002

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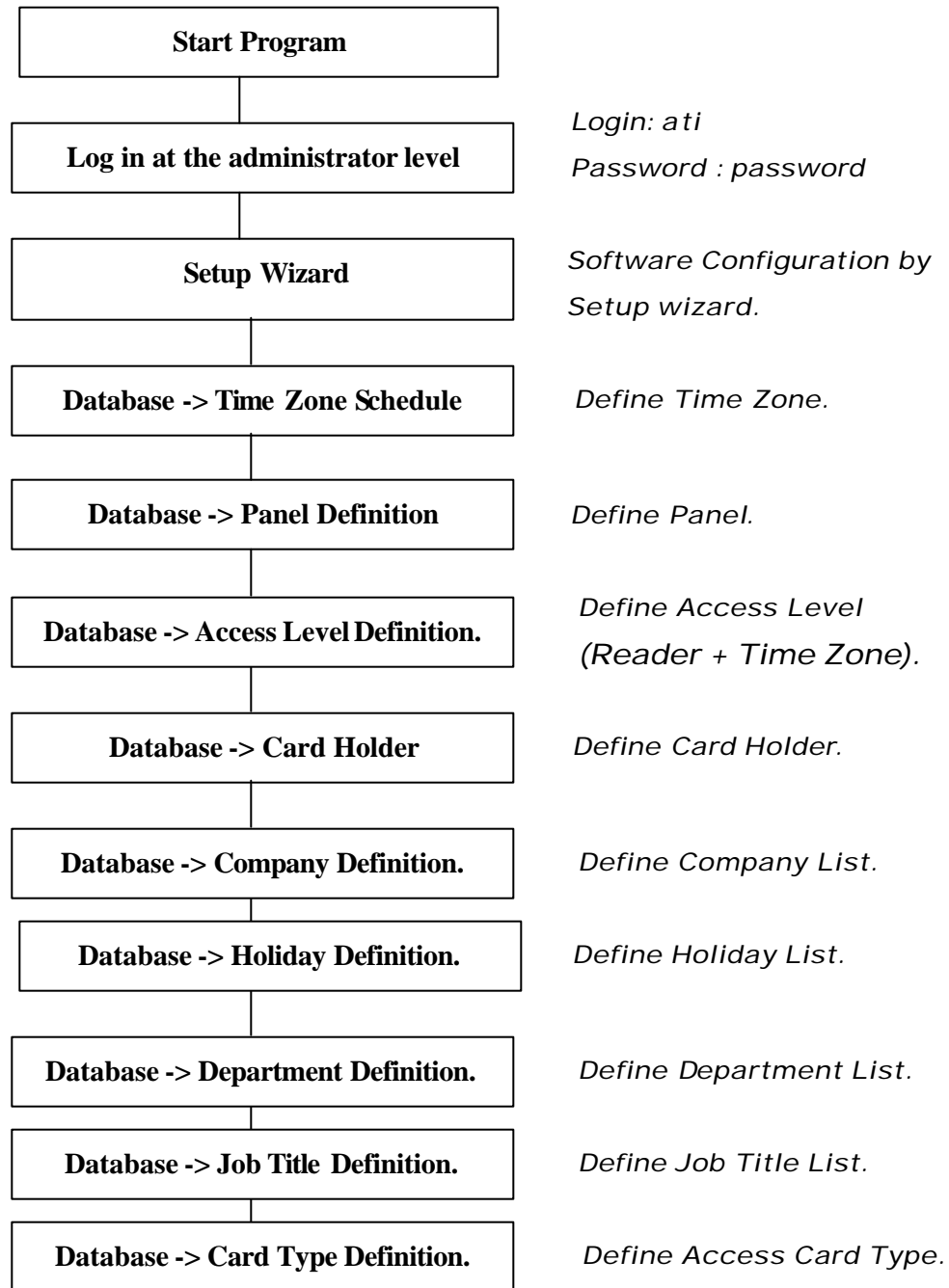
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# 1. Program Installation

Operating System for StarAccess2000 Software .

## 1.1 Hardware Requirement.

**O/S:** Windows 95/98/ME/NT/2000/XP

**RAM:** 64MB or higher

**CPU:** Pentium III or higher

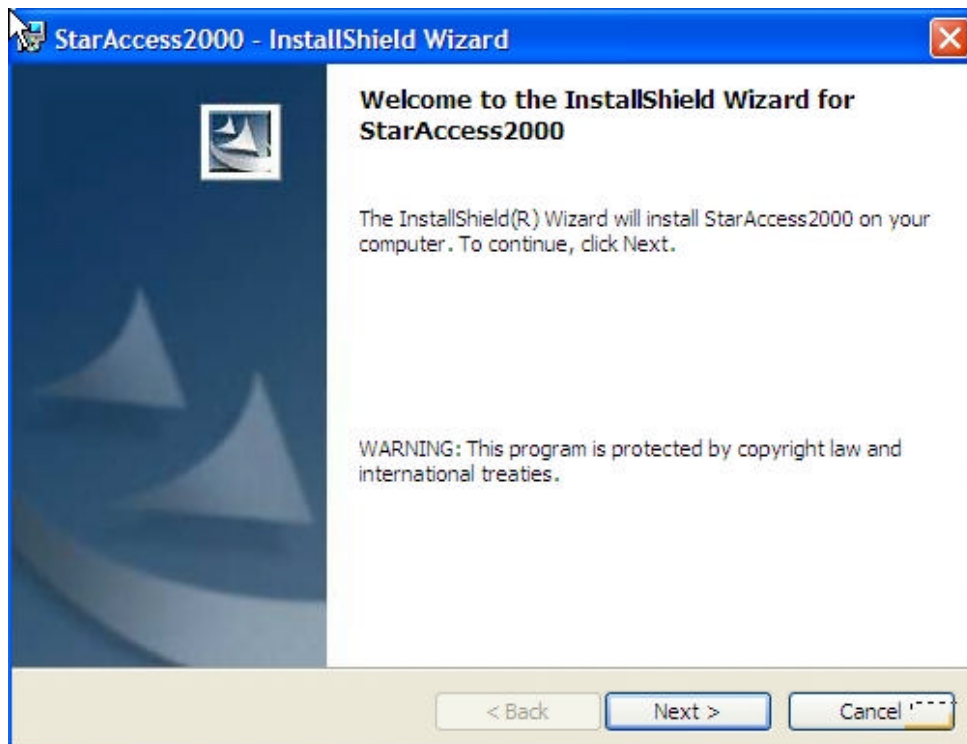
**Hard disk:** 100MB space, data storage space 500MB or higher.

## 1.2 Software Requirement (option)

**Microsoft Office 97 or 2000:** Access 97 (recommended) or Access 2000

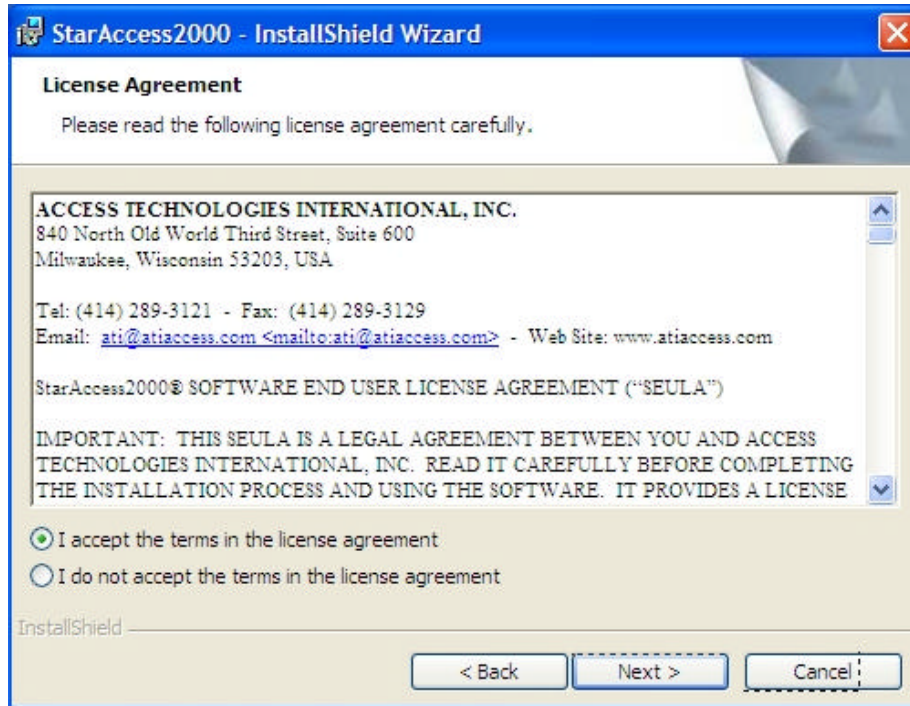
## 1.3 Installation

- Insert Setup/Installation CD in the CD-ROM drive. To continue click “**Next >**”:

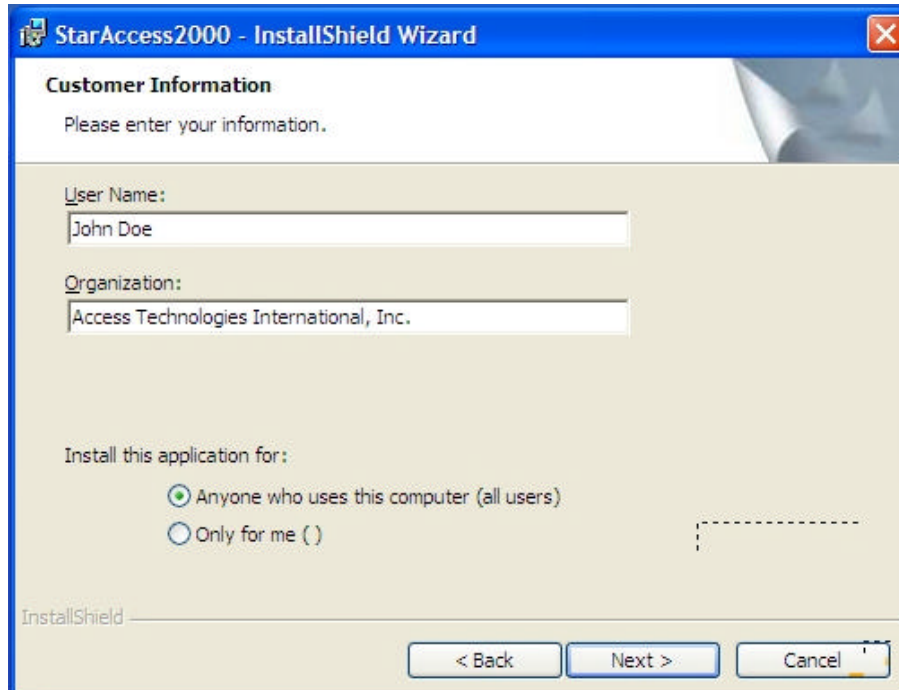


- Setup will assign the following directory location: D:\ATT\StarAccess2000 to store program.

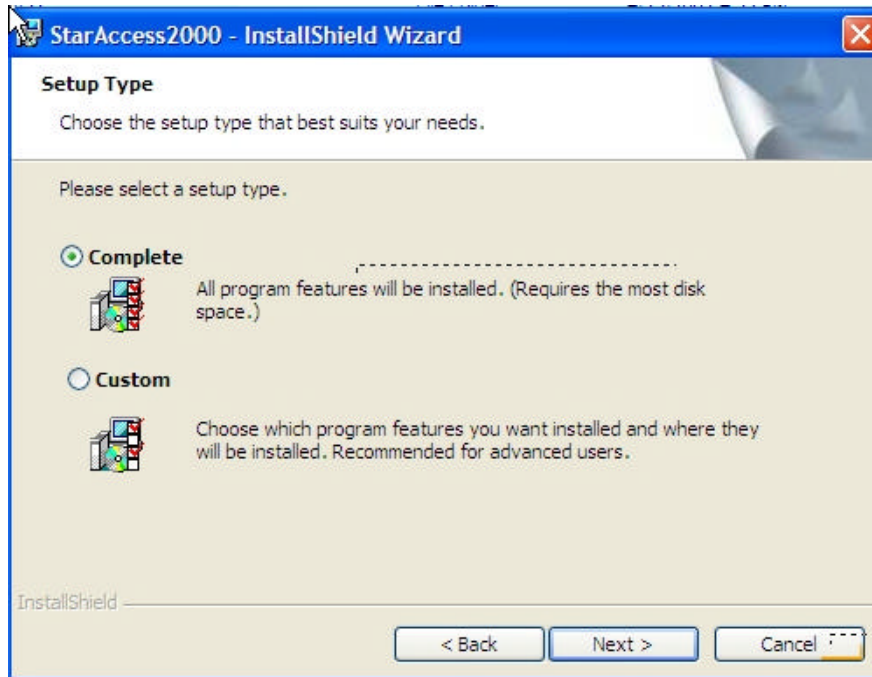
- License agreement:



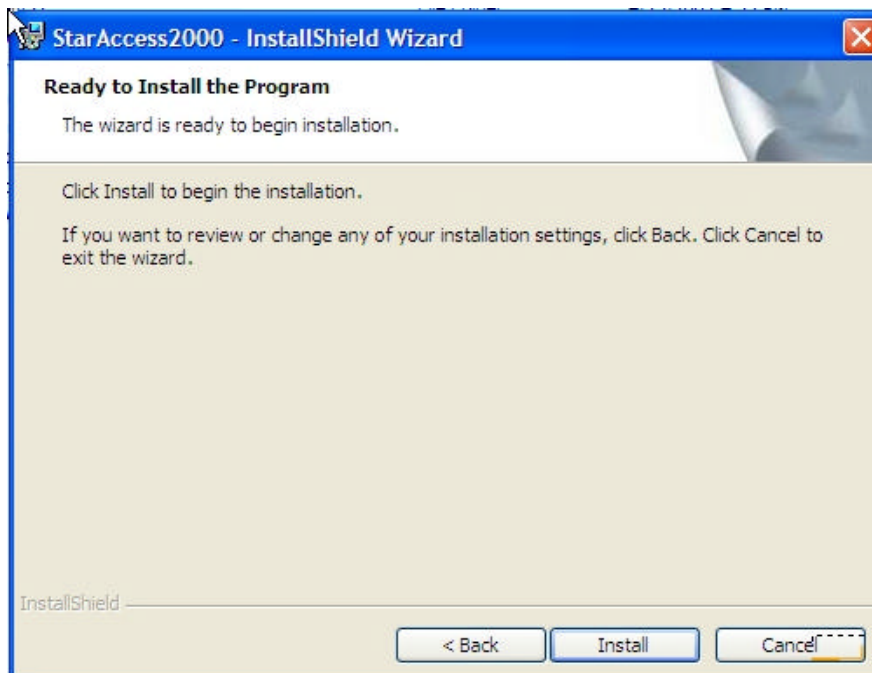
- Enter User Name and Organization. To continue click "Next >":



- Select a Setup type that best fits your needs. To continue click “**Next >**”:

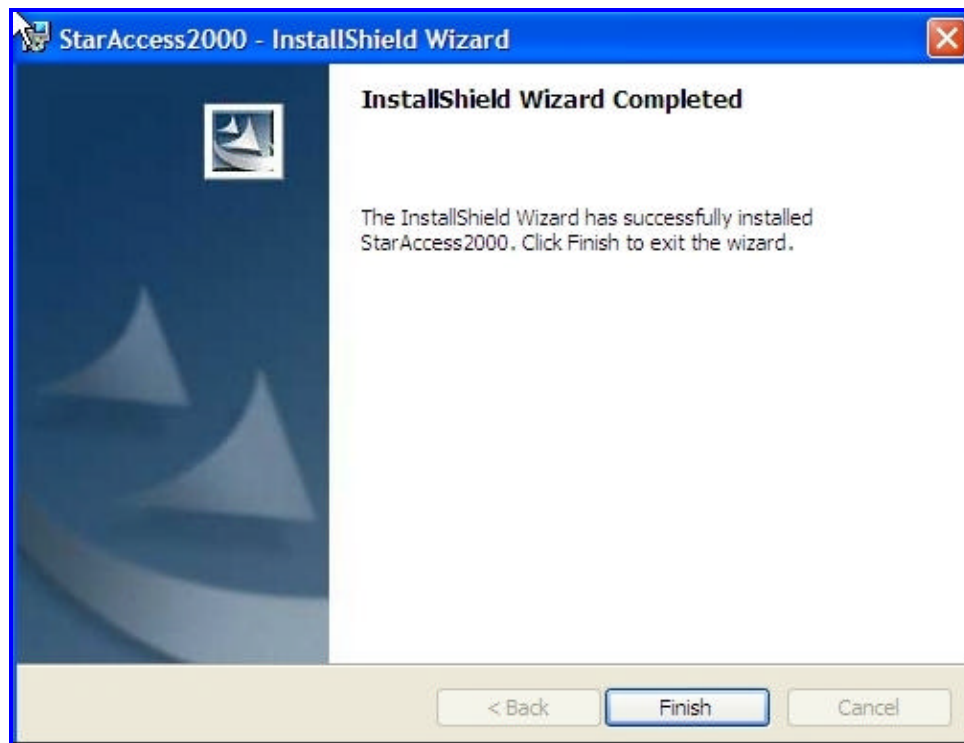


- Start to install the program files in Hard disk. To continue click “**Install**”:





- When Setup is completed. Click “**Finish**” to complete installation.



It is recommended to restart StarAccess2000 software after the installation procedure.

## 2. Configuration

To use this program, you must set some values in order to properly establish proper communication between the StarAccess2000 Software and the SA-2000-II control panel.

### 2.1 Run Program

- Click “**Start**→ **All Program**→ **STARACCESS2000**”.

- Log-in procedure

Defaulted User ID is “**ati**”, PASSWORD “**password**”. Click “**ENTER**” or click Login to Start.



### 2.2 Setup Wizard

After entering your User ID and password in the Logon screen for the first time. The “Setup Wizard” will show up for the first time, which is recommended to some initial values.

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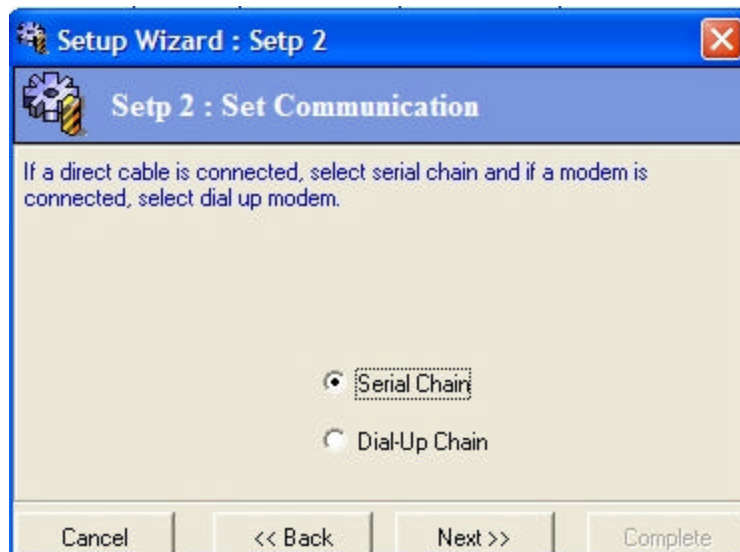
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- Step 1: Company Definition. Enter Company Code and Company Name. Click “Next >>” to continue:



The screenshot shows a Windows-style dialog box titled "Setup Wizard : Step 1". Below the title bar is a header area with a gear icon and the text "Setp 1 : Company Definition". The main area contains instructions: "Enter the company code and name in order to register company." and "Select Database->Company definition from menu to register several companies after finishing setup wizard". There are two text input fields: "Company Code" with the value "ATI" and "Company Name" with the value "Access Technologies Int'l, Inc.". At the bottom are four buttons: "Cancel", "<< Back", "Next >>", and "Complete".

- Step 2: Set Communication. Select appropriate communication. Choose “Serial” for standard communication or “Dial-Up” for Modem communication. Click “Next >>” to continue:



The screenshot shows a Windows-style dialog box titled "Setup Wizard : Setp 2". Below the title bar is a header area with a gear icon and the text "Setp 2 : Set Communication". The main area contains instructions: "If a direct cable is connected, select serial chain and if a modem is connected, select dial up modem." There are two radio button options: "Serial Chain" (which is selected) and "Dial-Up Chain". At the bottom are four buttons: "Cancel", "<< Back", "Next >>", and "Complete".

- Step 3: Set Port. If Serial Port (Com1) is used, select **COM1**, if Serial Port (Com2) is used, select **COM2**, etc. There are 8 communication ports to be selected from. To continue click “**Next >>**”:

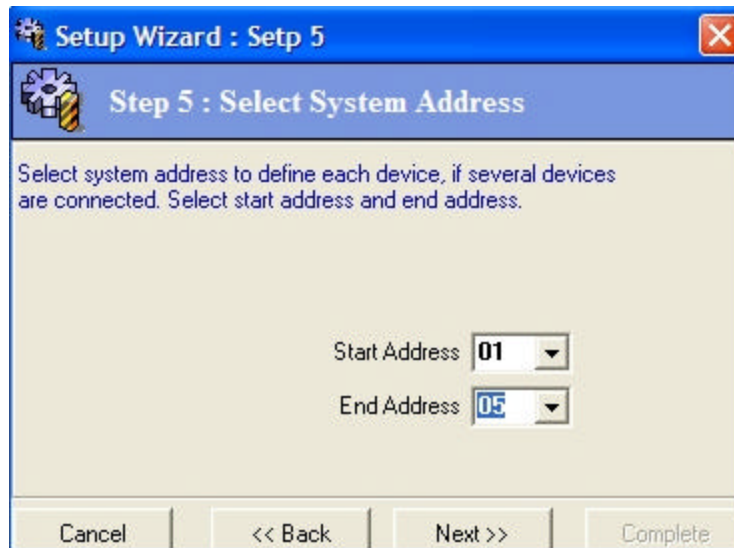


- Step 4: Set Speed. StarAccess2000 recommends 9600BPS. To continue click “**Next >>**”:



- Step 5: Select System Address. Select **Start Address** and **End Address** in StarAccess2000 according to the panels installed or to be installed. To continue click “**Next >>**”.

For example, if five SA-2000-II panels are installed, start address is set 00,01,02,03,04 or 01,02,03,04 and 05 usually. Then you can select Start Address from 00 or 01 and End Address to 04 or 05 respectively.



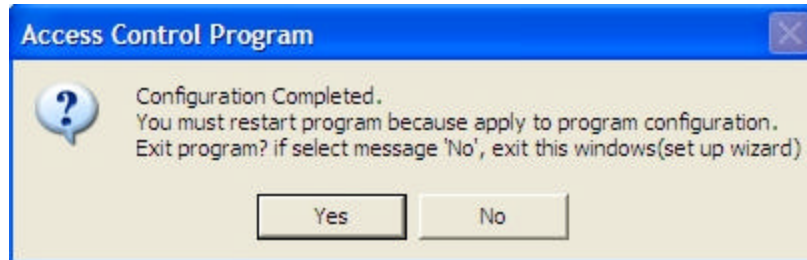
- Step 6: Communication Status Test of StarAccess2000 and panels installed. If communication is correct, you will see a message ‘**Communication OK**’ or ‘**Communication Error**’ if it cannot find the panels.



### Reference: Communication Error

Indicating Communication Error, identify Communication port or communication speed and system address whether to set correctly. If you find no errors, need to check communication lines.

- Upon completion of the above set up procedures, click “**Complete**”. Select “yes” to exit wizard and restart system.



### 2.3 Set Communication

Communication speed and communication port must be set in order to communicate via serial communication RS232C between StarAccess2000 and control panels installed.

- Click ‘**Controller -> Set Communication**’ in menu.



- **Comm. Port:** Communicates StarAccess2000 software and control panels. Defaulted to **COM1**.
- **Baud Rate:** communication speed between StarAccess2000 and panels. Defaulted value 9600bps.
- **Parity Bit, Data Bit, Stop Bit** use default values.
- When communication setup is completed, click “**OK**” to save, and “**Close**” to exit.

#### Reference: Default Button

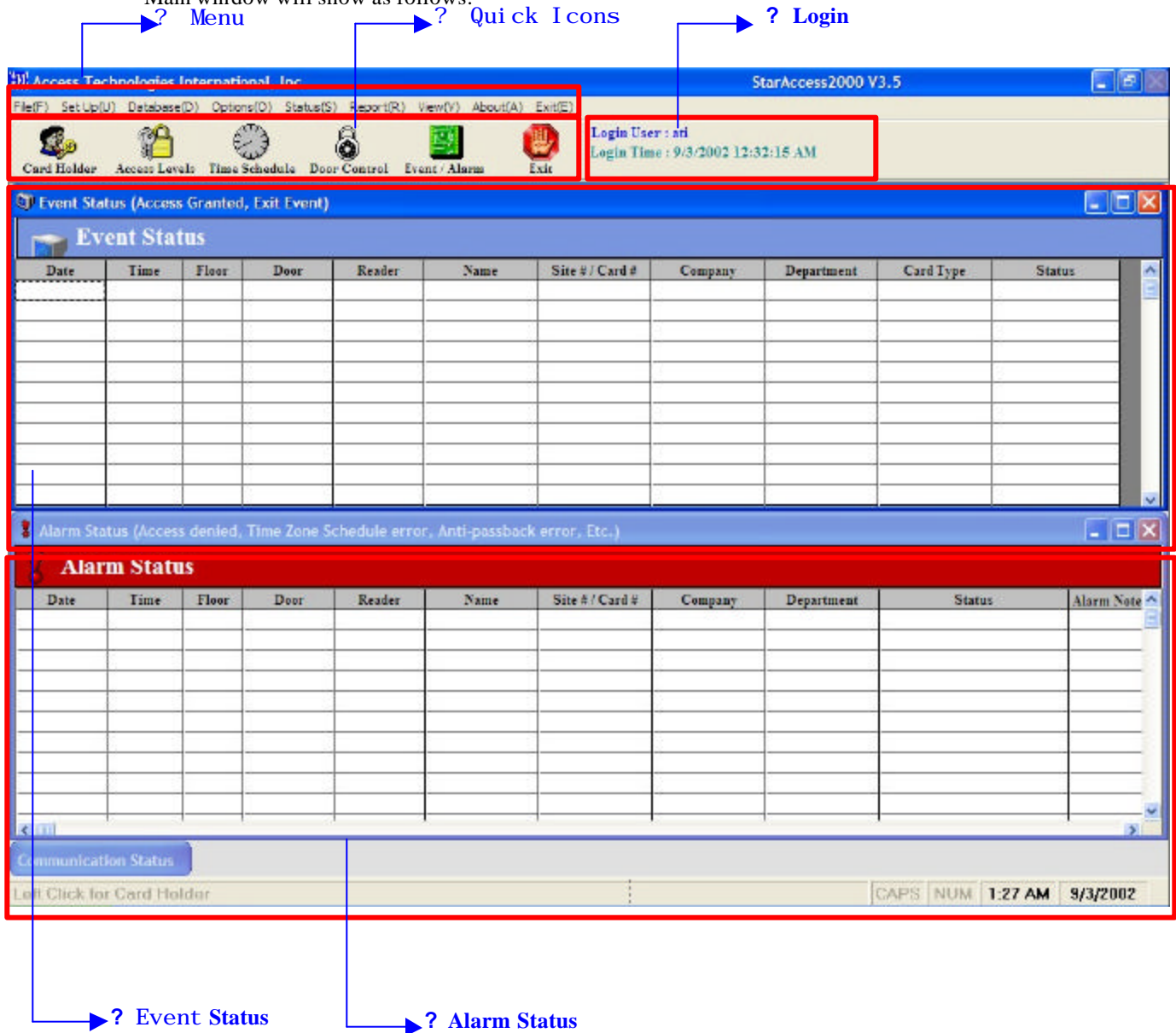
Default Button set all values to default. Communication port is “COM1”, Communication speed is “9600”, Parity bit is “NONE”, Data bit is “8 BIT”, Stop bit is “1 BIT”. Usually, default values are used when no changes are entered.

## 3. Interface

Following Figure shows the menu and functions of StarAccess2000.

### 3.1 Main Window

Main window will show as follows:



### 3.2 Detail Main Window

- **Menu:** Executes each main function.
- **Quick Icon:** Icon used frequently.
- **Login:** Shows Login ID and Login time.
- **Event Status:** Shows Access Granted, and Exit events.
- **Alarm Status:** Shows Access Denied, Timeschedule error, Anti-passback, sensor, contact, fire, Tamper events.



### 3.3 Menu

- **File**

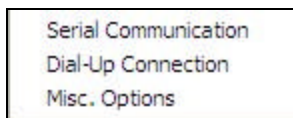
StarAccess2000 menu of related system tasks.



- **Log In User:** Used to set operator in.
- **Log Out User:** Used to set operator out.
- **Login ID & Password Definition:** Registers a new user or delete user, and changes password. Also, allow functions by user optionally.
- **Wizard:** Starting tool to setup initial values.
- **Database Backup/Restore:** Search Event, Alarm database files by date, then backup or restore.

- **Set Up**

Utilized to establish Serial Communication, Dial-Up Connection and Miscellaneous options.



- **Serial Communication:** Used to set communications port.
- **Dial-Up Connection:** Allows you to connect to panels via modem.
- **Misc. Options:** Used to select alarm sounds, animation, etc.

- **Database**



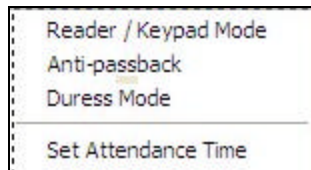
- **Time Schedule Definition:** Set Time Schedule by day, and by holiday.
- **Panels:** Used to assigned or restrict Access to areas



- **Access Group Definition:** Register; manage access region and time by group. Set Access group of StarAccess2000 reader.
- **Card Holder:** Manager registration and deletion of registered user data and card, fingerprint data.
- **Company Definition:** Used to manage company.
- **Holiday Definition:** Allows you to enter a holiday date, and click “send” to send holiday to panel.
- **Department Definition:** Used to manage department by company.
- **Job Title Definition:** Used to manage Title by company.
- **Card Type Definition:** Used to manage Card Type. Select Card Type in user registration by type of user, visitor, etc.

- **Options**

Utilized to establish Serial Communication, Dial-Up Connection and Miscellaneous options.



- **Reader/Keypad Mode Definition:** Change Reader Mode of the panel. There are two options: (1) RDR Only or (1) RDR + Password. As well allow you to setup usage of keypad (enable or disable).
- **Anti-passback Definition:** Decide whether to use or not an Anti-passback mode. This function is selected when a second reader. Also, can use software for global anti-passback function.
- **Duress Mode Definition:** In emergency, after user inputs enters 2-digit password in advance before card read. Then, Duress mode is operated, so inform alarm status according to registered setting.
- **Set Attendance Time:** Used to calculate time worked during a schedule or range of dates.

- **Status**



- **Door Control & Status:** Unlocks or locks the door and reports its status real time. If Contact is installed, can confirm opening and closing of door real time.
- **Reader Status:** Verify basic information of the system (StarAccess2000). Verifies how to register Data of day, time, Anti-passback, Reader mode, communication speed, Eight Digit Input Mode, time schedule, Holiday, etc.
- **Event Status:** See Event status in screen.

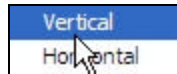
- **Alarm Status:** See Alarm status in screen.
- **Communication Status:** Allows you to verify communication between panel and software.

- **Report**



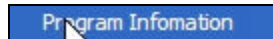
- **Card Holder Report:** Search or print data and list of existing users.
- **Event Report:** Print event status by period, by time, by door, by individual attendance status.
- **Alarm Report:** Print Alarm status by period, by time, by door.

- **View**



- **Vertical:** Display events in main screen vertically.
- **Horizontal:** Displays events in main screen horizontally.

- **About**



- **Program Information:** Show this program information.

- **Exit**

# 4. Operation

### 4.1 File

- **Log In User:** Allows the operator enter the program



If default User ID has not been changed. It is recommended to change the User ID and Password from the default setting.

Defaulted User ID is “ati”, PASSWORD “password”. Click “ENTER” or click Login to Start.

- **Log Out User**  
Allows you log out the session you are currently operating or monitoring.
- **Login ID & Password Definition:** Registers a new user or delete user, and changes password. Also, allow functions by user optionally. Register or delete user ID, set authority assign and change Password. User checked **Add, Del, Permission Check** when register user ID registers, deletes user ID and set authority assign only.  
After installing this program, user ID is ‘ati’ with a password ‘password’. The user “ati” is checked **Add, Del, Permission Check**, so can use the program to register, delete user ID and set authority assign.

### \* Add User ID

A screenshot of a Windows-style dialog box titled "User ID and Change Password". The dialog has a blue title bar with a close button (X) in the top right. Inside, there's a tab labeled "User ID and Change Password". Below the tab, there's a "Current User ID" text box containing "ati". To its right is a "User Language" dropdown menu showing a Spanish flag and the word "Spanish". Below these are four buttons: "Add", "Delete", "Close", and "Change Password". The "Add" button is highlighted. Below the buttons are three text boxes: "New User ID :", "Enter Password :", and "Confirm Password :". Below these is a "Language" dropdown menu. At the bottom left is a checkbox labeled "Add, Del, & Permission Check" which is unchecked. At the bottom right are "OK" and "Close" buttons.

- . Click '**Add**' button.
- . Enter - **New User ID**.
- . Enter - **Password**.
- . Enter password again in **Confirm Password** field.
- . Check **Add, Del, Permission Check**. (Checked user can use the program to register, delete user Id and set authority assign. Unchecked user can change only login password.)
- . Click '**OK**' button to save.

### \* Del User ID

A screenshot of the same "User ID and Change Password" dialog box, but with a different layout. The "Add" button is now disabled, and the "Delete" button is highlighted. To the right of the main form is a "User ID List" panel containing a list box with "Logout" selected. Below the list box are "Delete" and "Close" buttons. The "Current User ID" text box still contains "ati", and the "User Language" dropdown still shows "Spanish". The "Add, Del, & Permission Check" checkbox is still unchecked. The "OK" and "Close" buttons at the bottom are still present.

- . Click '**Delete**' button.
- . Select **User ID List** to delete on the right side.
- . Click '**Delete**' button, then you will see a prompt message whether to delete. To delete, click '**Delete**' button.

### \* Change Password



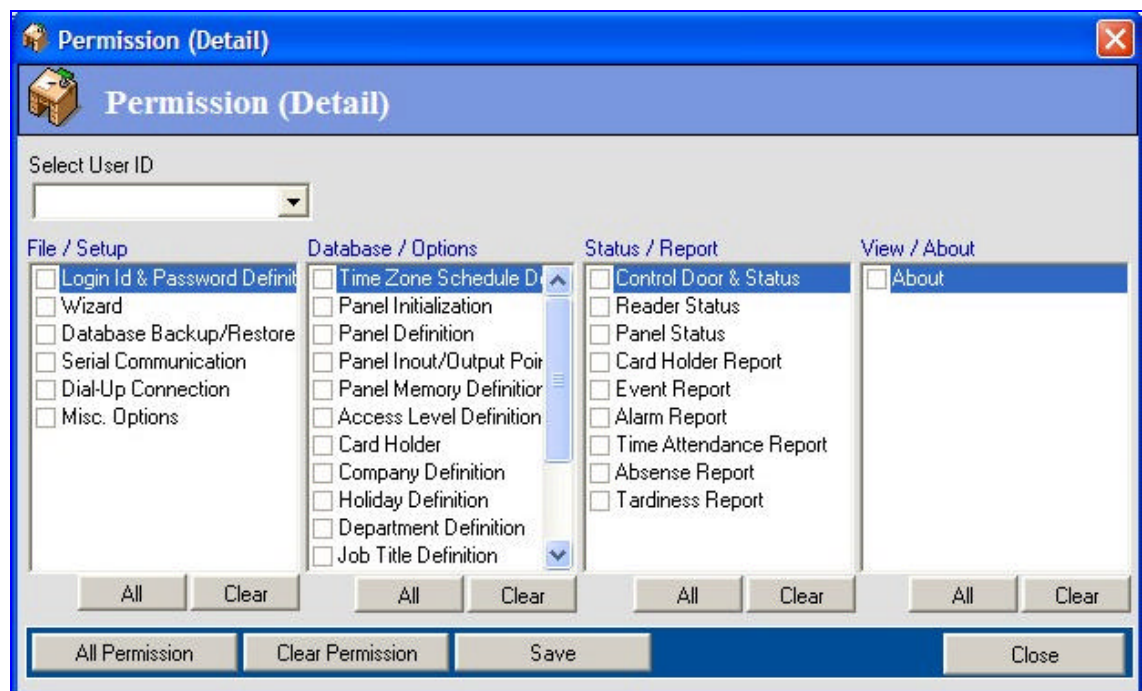
- . Click '**Change Password**' button.
- . Enter current password in **Enter current password** field, then enter 'Enter' key. If current password is correct, will appear password field to change automatically.
- . Enter new password to change in **Enter new password** field
- . Enter new password to confirm again in a **Confirm new password** field
- . Click '**OK**' button to save.

### \* Permission

Set user authority functionally. To assign all authorities to specific user ID click '**All Permission**' button, then all functions are selected. Click '**Save**' button to save.

Also to delete all authorities click '**Clear Permission**' button, then all functions are cleared. Click '**Save**' button to save.

To clear each authority functionally, click '**All**' or '**Clear**' button below each function's list. Then can select or clear all function in a relevant list. Also click specific function by using mouse, can set proper authorities as user ID because of selection or deletion.



- **Wizard**

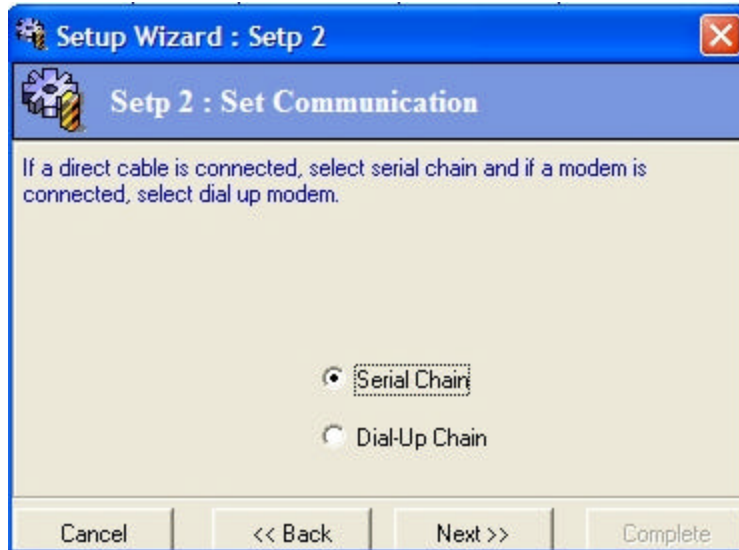
Starting tool to setup initial values.

The “Setup Wizard” will show up for the first time, which is recommended to some initial values.

**Step 1: Company Definition.** Enter Company Code and Company Name. Click “Next >>” to continue:



**Step 2: Set Communication.** Select appropriate communication. Choose “Serial” for standard Or “Dial-Up” for Modem communication. Click “Next >>” to continue:



**Step 3: Set Port.** If Serial Port (Com1) is used, select **COM1**, if Serial Port (Com2) is used, select **COM2**, etc. There are 8 communication ports to be selected from. To continue click “**Next >>**”:



**Step 4: Set Speed.** StarAccess2000 recommends 9600BPS. To continue click “**Next >>**”:



**Step 5: Select System Address.** Select **Start Address** and **End Address** in StarAccess2000 .

For example, if five SA-2000-II panels are installed, start address is set 00,01,02,03,04 or 01,02,03,04 and 05 usually. Then you can select Start Address from 00 or 01 and End Address to 04 or 05 respectively.





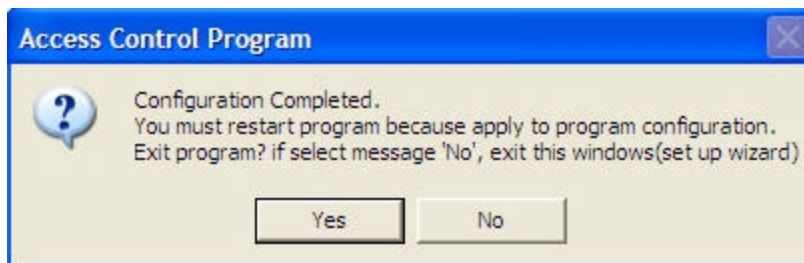
**Step 6: Communication Status Test of StarAccess2000 and panels installed.** If communication is correct, you will see a message 'Communication OK' or 'Communication Error' if it cannot find the panels.



### Reference: Communication Error

Indicating Communication Error, Identify the Communication port or communication speed and system address and whether it is set correctly.

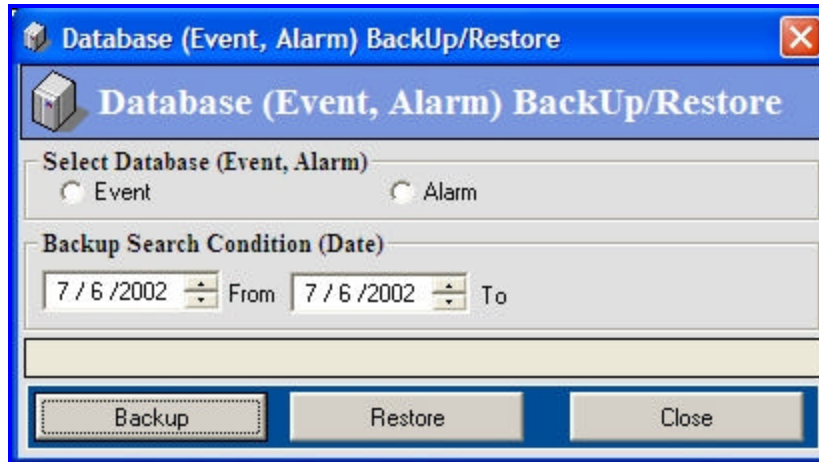
Upon completion of the above set up procedures, click “**Complete**”. Select “yes” to exit wizard and restart system.



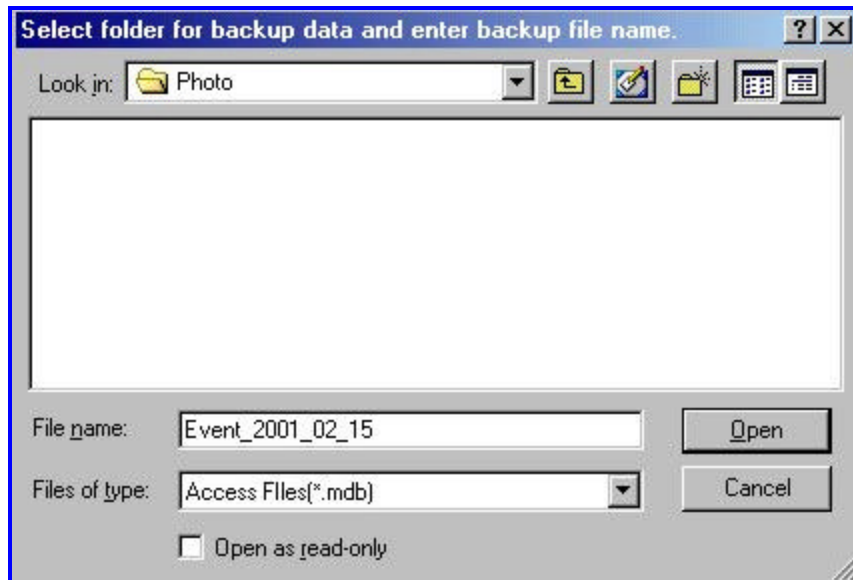
- **Database Backup/Restore**

**Backup/Restore** search Event, Alarm database files by date, then backup or restore.

### Database Backup



- Select files to backup between **Event** and **Alarm** in a database
- Input a period of data to backup in **Back Search Condition (Date)**.
- Click '**Backup**' button, then display a following figure. After inputting file path and file name to register, click '**Open**' button to backup.



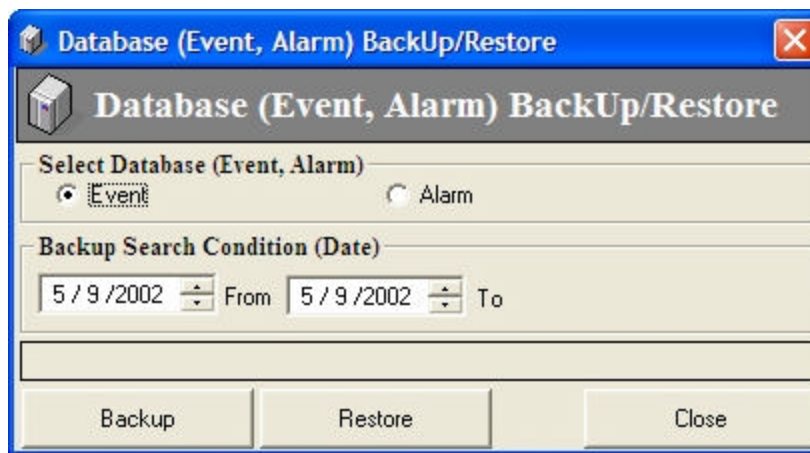
- Upon completion of specifying the type and name of fields, a dialogue box will appear when above procedure is successfully completed. Click the '**OK**' button.



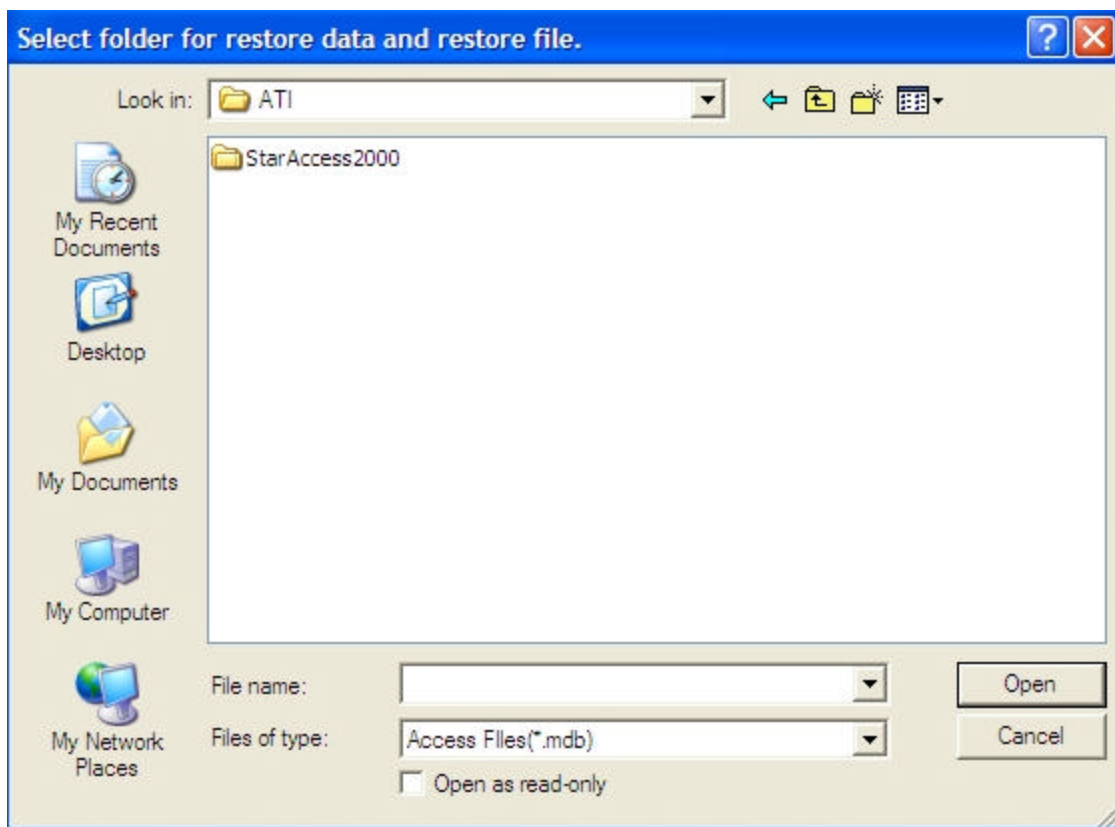
### Reference: Backup, Restore

Backup registers data separately in Event, Alarm database. So, Backup data delete in Event, Alarm database. To restore from database file, select '**Restore**'.

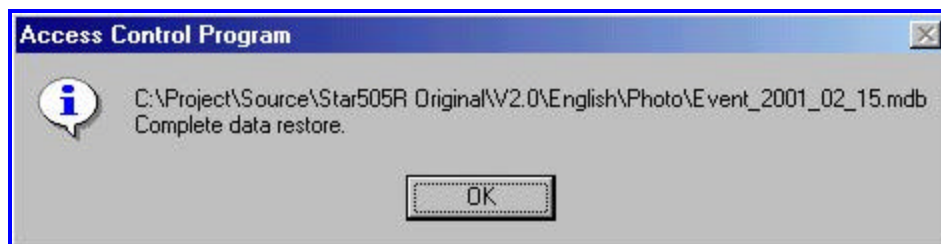
### Database Restore



- ? Select the files to restore between **Event** and **Alarm** in a database.
- ? Click '**Restore**' button, then display a following figure. After inputting file path and file name to register, click '**Open**' button to restore.



- ? Upon completion of specifying the type and name of fields, a dialogue box will appear when above procedure is successfully completed. Click the '**OK**' button.



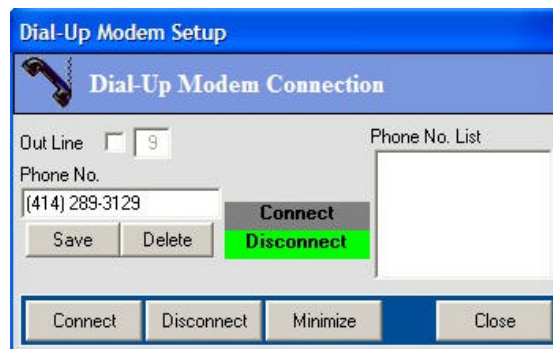
**4.2 Set Up** Utilized to establish Serial Communication, Dial-Up Connection and Miscellaneous options.

- **Serial Communication:** Used to set communications port.



- ? **Comm. Port** set communication port panel(s) and computer. Defaulted value is **COM1**
- ? **Baud Rate** set communication speed between panels and computer. Defaulted value is 9600bps.
- ? **Parity Bit, Data Bit, Stop Bit** use defaulted value.
- ? When communication setup is completed, Click '**OK**' button to save, then '**Close**' button to exit.

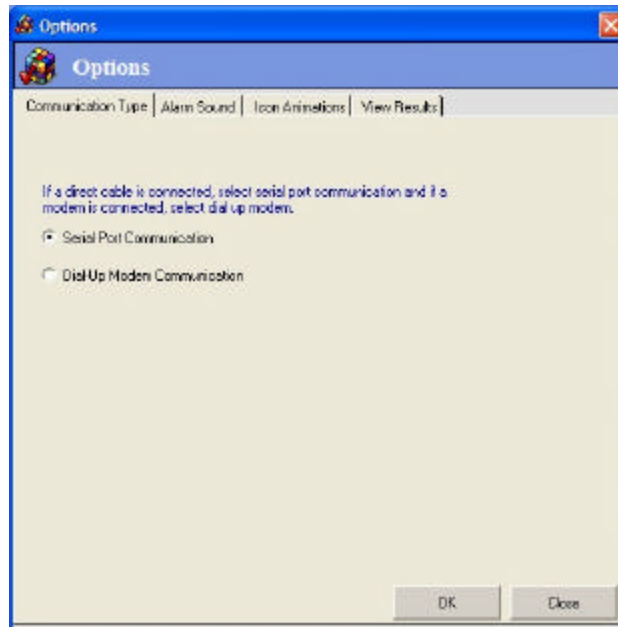
- **Dial-Up Connection:** Allows you to connect to panels via modem.



- ? **Out Line:** Select if an outside line must be selected
- ? **Phone No.:** Enter the phone number to be dial.
- ? **Connect:** Click to Dial-Up line to connect with remote panel
- ? **Disconnect:** Click to Dial-Up line to disconnect from remote panel
- ? **Minimize:** Allows you to close temporarily and select other options.
- ? **Close:** To exit.

- **Misc. Options:** Used to select alarm sounds, animation, etc.

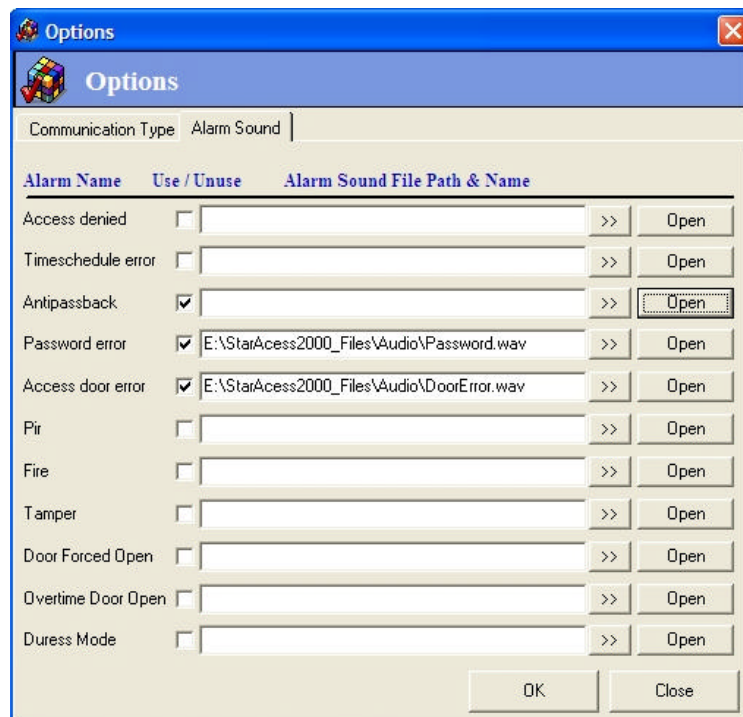
**Communication Type:** Serial or Dial-Up



**Alarm Sound:** Select or cancel Sound by Alarm sound whether to use or not. In case of selecting sound, click '**Open**' button. A dialogue box will appear, then select sound file.

If you want to listen to the sound file previously, click '>>' button.

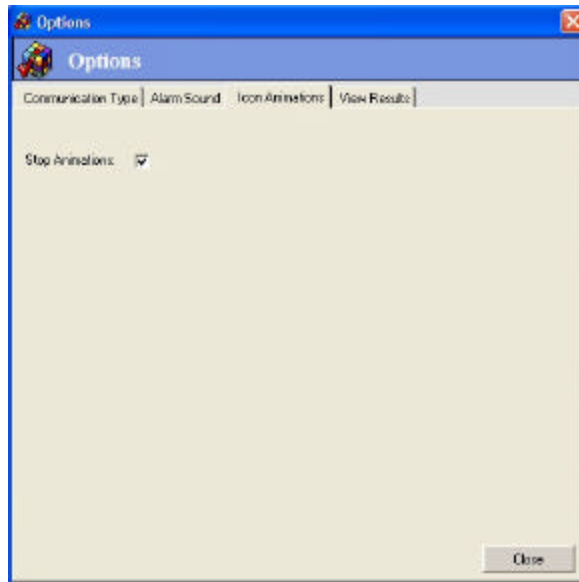
Upon completion of setting, click '**OK**' button to save.



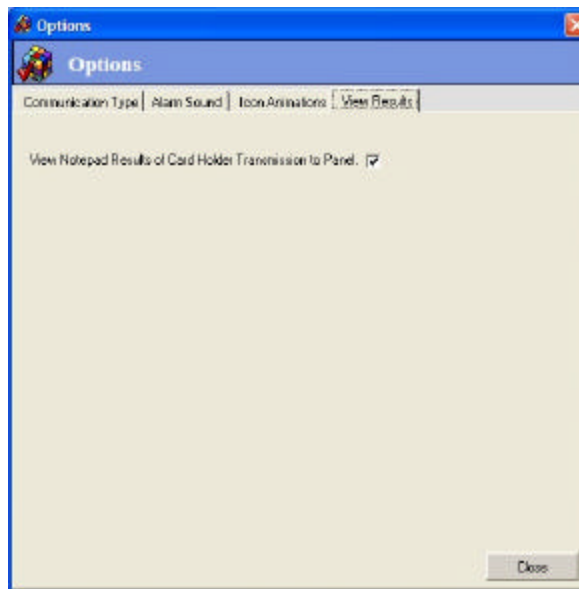
### Reference: Sound file

Sound files use a file extension \*.wav only.

**Icon Animations:** Allows you to animate icons on main screen



**View Results:** Allows you view text field entered when knowledge.



### 4.3 Database

- **Time Zone Schedule Definition**

This allows you to enter and send Time Zones by day.

Time Zone can be set 5 time ranges on each day. When attendance is allowed always, Time Zone is set 00:00-24:00 from Sunday to Saturday including holiday.

Also, if you allow attendance as time range on specific day, input Time Zone by **Schedule One, Schedule Two, Schedule Three, Schedule four, and Schedule five** in time field.

For example, if you allow from '09:00' to '18:00' except from '12:01' to '13:00' on Sunday, input as following step.

Input '09:00' and '12:00' in **Schedule One** field, '13:01' and '18:00' in **Schedule Two** field on Sunday.

**Timeschedule Definition**

Timeschedule Code: 01  
Timeschedule Name: ALWAYS  
Holiday Code: None

	Schedule 1	Schedule 2	Schedule 3	Schedule 4	Schedule 5
Sun	00:00 - 24:00	:	:	:	:
Mon	00:00 - 24:00	:	:	:	:
Tue	00:00 - 24:00	:	:	:	:
Wed	00:00 - 24:00	:	:	:	:
Thr	00:00 - 24:00	:	:	:	:
Fri	00:00 - 24:00	:	:	:	:
Sat	00:00 - 24:00	:	:	:	:

Save Delete Close

**Send**

Select the Reader (Door) Address

- ☐ 00 00
- ☐ 01 01
- ☐ 02 02
- ☒ 03 03
- ☐ 04 04
- ☐ 05 05

Send

- ? **Time Schedule Code** can be used from 01 to 10 and enter attendance time by related code.  
Enter **Time Schedule Name**.



- ? Enter a time by day.
- ? Select a **Holiday Code** to apply to a **Time Schedule Code**, which is inputting presently. If Holiday is not applied, select 'None' or select a suitable **Holiday Code**.

If select **Holiday Code**, appear Holiday Name and Time Schedule which is applied holiday on the right side as following figure

**Timeschedule Definition**

Timeschedule Code: 01  
Timeschedule Name: ALWAYS  
Holiday Code: 01

	Schedule 1	Schedule 2	Schedule 3	Schedule 4	Schedule 5
Sun	00:00 - 24:00	:	:	:	:
Mon	00:00 - 24:00	:	:	:	:
Tue	00:00 - 24:00	:	:	:	:
Wed	00:00 - 24:00	:	:	:	:
Thr	00:00 - 24:00	:	:	:	:
Fri	00:00 - 24:00	:	:	:	:
Sat	00:00 - 24:00	:	:	:	:

Save Delete Close

**Send**  
Select the Reader (Door) Address

- ☐ 00 00
- ☐ 01 01
- ☐ 02 02
- ☒ 03 03
- ☐ 04 04
- ☐ 05 05

Send

**Holiday**

Name: 2002

Date: 01/01 12/25 / /

**Holiday Timeschedule**

Hol

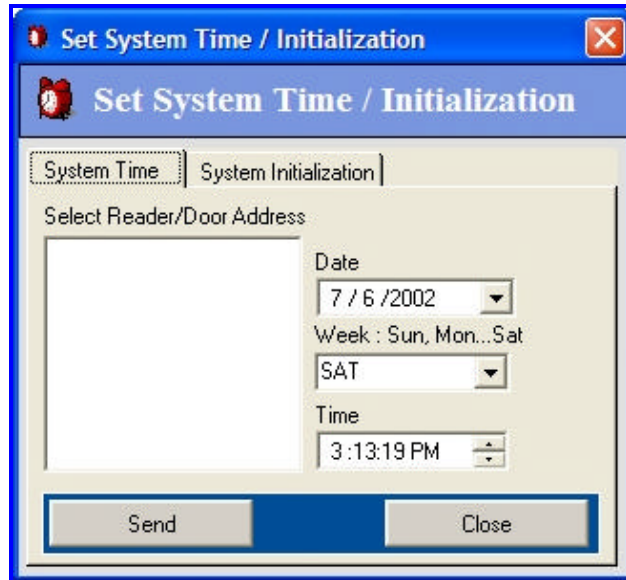
- Schedule 1: : - :
- Schedule 2: : - :
- Schedule 3: : - :
- Schedule 4: : - :
- Schedule 5: : - :

- ? Click '**Save**' button to save.
- ? Select a StarAccess2000 systems address in **Select the Reader (Door) Address**. (Multi-selection is possible.)
- ? Click "**Send**" button to transmit to a selected system.
- ? If '**Success**' message is showed, this procedure is finished. Click '**Close**' button to exit.
- ? Change a stored time in Time Zone after selecting **Time Zone Code**. Click '**Save**' button to save. (If you modified a stored time in Time Zone, click "**Send**" button to transmit again.)
- ? Select **Time Zone Code** to want to delete. Then, click '**Delete**' button.

### Panels

- **Panel Initialization**

Applies current date and time of StarAccess2000.



- ? **Date, Week, Day, Time** is entered computer's date, time automatically. If entered value is incorrect, you can also make direct input by typing in each field.
- ? Select a StarAccess2000 system's address to want to change data and time in **Select Reader (Door) Address**. (Multi-selection is possible.)
- ? To transmit data, click "**Send**" button.
- ? If '**Success**' message is showed, this procedure is finished. Click '**Close**' button to exit.

### Reference: Send Button

A dialogue box will appear when above procedure is successfully completed after clicking "Send" button.



If not so, adopt proper method as message or refer to a manager.

- **Panel Definition** in menu.

The screenshot shows the 'Panel Definition' window. It contains the following fields and controls:

- Panel Address:** A dropdown menu currently showing '01'.
- Panel Name:** A text input field containing 'Reception'.
- Panel Location:** A dropdown menu currently showing '6F'.
- Contact Type:** A dropdown menu currently showing 'NC'.
- First Reader:** A section with a checked checkbox, a 'Reader Name' field containing 'Main Entrance Door', and a direction dropdown set to 'IN'.
- Second Reader:** A section with a checked checkbox, a 'Reader Name' field containing 'Main Exit Door', and a direction dropdown set to 'OUT'.
- Buttons:** 'Save', 'Delete', and 'Close' buttons at the bottom.
- Reader (Door) List:** A list box on the right showing '01 Reception'.

**Panel Address** selects the same address of StarAccess2000 system.

Usually to use one SA-2000-II panel, its address is '00' or '01'. To use several SA-2000-II panels simultaneously, Panel Address is set particularly each time per panel.

**Panel Name** is the name of SA-2000-II panel.

**Panel Location** selects location (floor in a building) of installed SA-2000-II panel.

**Contact Type** selects Door Contact type installed NC/NO.

Enter the name of **First Reader (IN)**, **Second Reader (OUT)**.

Click '**Save**' button to save.

Click '**Delete**' button after selecting the reader you want to delete on the **Panel/Door List**.

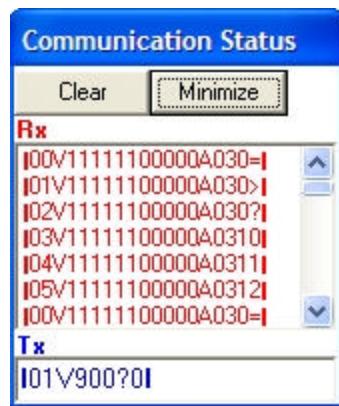
### Reference: Restart Program

Upon completion of communication environment setting and Panel Definition setting, exit program and restart program to apply modified values.

### Reference: Problem of communication

Identify status of communication through 'Communication Status' after restarting program.

If setting is finished correctly, your communication status of the SA-2000-II panels should be as follow:

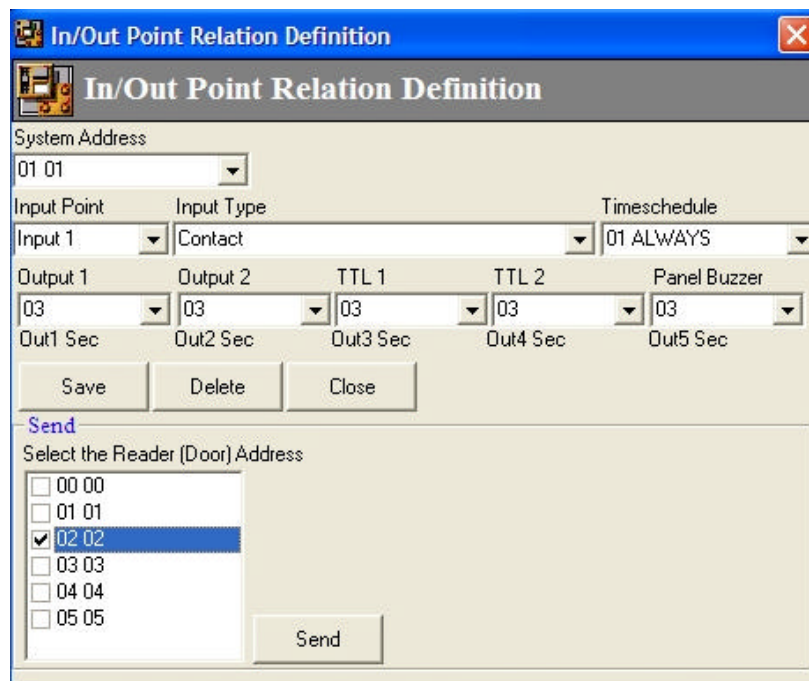


1. When system isn't communicated, repeat previous procedures .
2. Identify that address of SA-2000-II and program are equal.
3. Identify whether Communication Port of SA-2000-II panel and computer are equal.

Check the dip settings in the Converter or whether to turn on or off power to re-establish communication (RS422 -> RS232).

- **Input/Output Definition**

An Input/Output point decides which Output Signal is activated when the StarAccess2000 system gets an Input Signal (for example, Exit, Contact, Fire, Sensor, Tamper, etc). Also, Input/Output Signal can control Operating time of Input Signal with Time Zone.



- ? Select a StarAccess2000 system to set an Input/Output point in **System Address**.

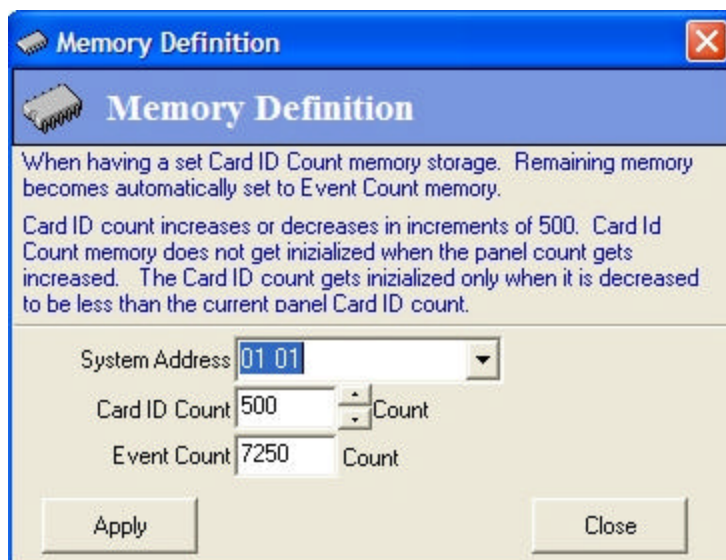
- ? Select an Input point's number to use in **Input Point**.
- ? Select a type of Input point selected above in **Input Type**.
- ? Select operating time of input point in **Time Schedule**.
- ? When Input point Signal is activated from **Out 1, Out 2, Out 3, Out 4, Out 5**, decides which Output point Signal is used. Then select operating time of Output point by seconds.

For example, when **Input 1** is used **Out 1** in Input point, selects operating second of **Out 1** (defaulted value is 03 sec). Other Output points (**Out 2, Out 3, Out 4, Out 5**) select 00 sec. Output point can be operated several devices simultaneously. Namely, if **Out 1, Out 2** is operated simultaneously when **Input 1** is activated, Operating second of **Out 1, Out 2** should be selected other sec (except 00 sec).

- ? Click '**Save**' button to save.
- ? Select the address of StarAccess2000 in **Select the Reader (Door) Address**. (Multi-selection is possible)
- ? Click "**Send**" button to transmit.

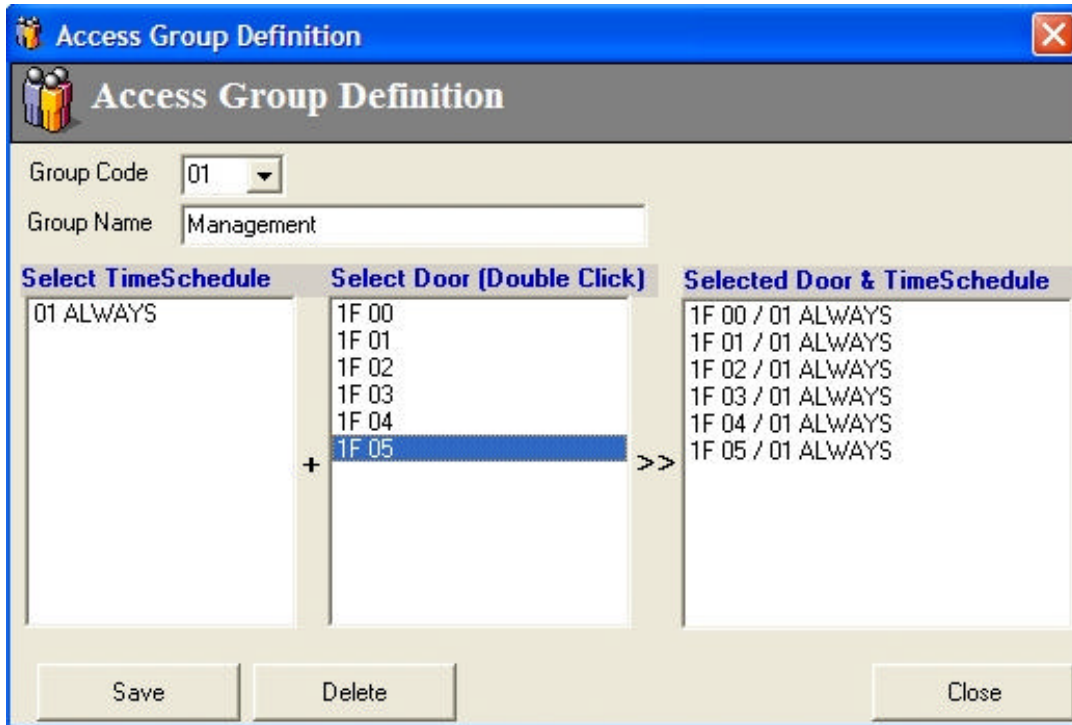
- **Memory Definition**

User can set memory space being saved Card ID directly. Increase or decrease of Card ID storage number is possible by 500 units. According to Card ID memory setting, event memory storage space is set automatically.



- **Access Level Definition**

When use several StarAccess2000 systems simultaneously, entry/exit door of each system make Access Group System. Then, integrate or limit access regions by group for valid card users.



1. Select '**Group Code**'.
2. Enter '**Group Name**'.
3. Select Time Schedule of StarAccess2000 in '**Select Time Schedule**'.
4. Double click a reader (entry/exit door) of StarAccess2000 system applied Time Schedule in **Select Door (DbClick)**. And register in **Selected Door & Time Schedule**.
5. Register a reader (entry/exit door) of StarAccess2000 that selected Group Code repeatedly step XXX.
6. To delete or modify, select a **Group Code** to want to modify.
7. To modify, double click to delete a list in **Selected Door & Time Schedule**. Click '**Save**' button to save.

Click '**Delete**' button to delete. In case, all groups are deleted because Group code is deleted.



- **Card Holder**

Manager user's information, registration and deletion.

Employee No.	First Name	Last Name	Card No.
840	Heather	Strosin	12345
841	Carlos	Aponte	12346
842	Atilio	Guglielmini	12347
843	Eduardo	Vargas	12350

- ? Input **Employee Ref.** by using characters and numbers, avoiding duplication. (Employee No. is not a duplicate because it is a primary key.)
- ? Input **Last Name**.
- ? Input **First Name**.
- ? Input **Card No.**
- ? Inputs **Password**. (Defaulted value: 0000) When input Password, if doesn't input Password, enters a defaulted value automatically.
- ? Input **Tel 1** and **Tel 2**.
- ? Input **Registration Date**
- ? Select **Company** (You must select Company to show registered department and title (position) in each field.)
- ? Select **Department**.
- ? Select Job **Title**.
- ? Input information in **Memo**.

\* **StarAccess2000 system**

- ? When transmit to user by access group after selecting **StarAccess2000 System**, select **Access Group**. Then, select **Access Group** transmitting or registering in list. Also when transmitting specific reader, select each transmitting reader and Time schedule after selecting **Specify Reader**.

- ? Click **'Save'** button to save in a database.
- ? Click **"Send"** button to transmit to a StarAccess2000 system.
- ? Hit **"Enter"** key after selecting **Employee No.** Or inputting Card Number then show registered user's information.
- ? To delete users showing screen, click **'Delete'** button to delete in a database and StarAccess2000 system.

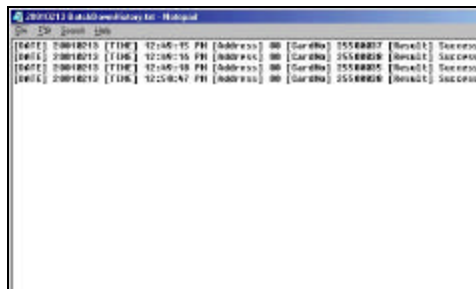
### Reference: Batch Transmit Button

**'Batch Transmit'** button transmit registered user's information in a database to the system by access group, or when select specific reader, transmit only to a specific reader.

When execute Batch Transmit, identify transmit status as following figure. (Wait for finishing)



After finishing Batch FP Transmit, show results of transmission by using Notepad.



[Result] is **'Success'** when transmit correctly. If not so, adopt proper method as message or refer to a manager

### Reference: Find

**Find** is used when search registered user in a database.

If you know Employee Ref. or Card Number, input Employee Ref. or Card Number directly in a user registration screen. Then enter 'Enter' key, show registered data automatically in a screen. But if not so, use Find Tab.

Click **'Find>>'** button after inputting searching conditions. If data is registered, show on the right side. Select Data to search by mouse, indicate all information in the upper input field.

If you don't know searching condition, click **'Whole List'** button, then indicate registered user's all list at a database on the right side



**Card Holder**

Employee No. 840 Company ATI  
Last Name Strosin Department Marketing  
First Name Heather Job Title Director  
Site # / Card # 008 / 12345 Card Holder Delivery  
Password Default : 0000 Add Date 7 / 6 / 2002  
Tel No. 4142893121 Memo  
Fax No. 4142893129

Load Image  
Take Picture

Add New  
Save  
Delete  
Send  
Batch Send  
Close

Controlled Access Find

Search Option  
☒ Employee No.  
☐ Last Name  
☐ First Name  
☐ Card No.

Employee No.	First Name	Last Name	Card No.
840	Heather	Strosin	12345
841	Carlos	Apona	12346
842	Atilio	Guglielmini	12347
843	Eduardo	Vargas	12350

Whole List Find Card Holder

- **Company Definition**

Generates Company listings.

**Company Definition**

Company Code ATI  
Company Access Technologies Internati

Save Delete Close

Company List  
123 / abc  
ATI / Access Technologies

- ? Enter Company Code in **Company Code** field.
- ? Enter Company name in **Company** field.
- ? Click **'Save'** button to save in database.
- ? To modify or delete, click company to modify or delete in **Company List**.

To modify, modifies Company name, then click **'Save'** button to save modified data. To delete, click **'Delete'** button.

- **Holiday Definition**

Enter and send a holiday. (Refer to the Timeschedule registration)

**Holiday Definition**

Holiday Code: 01

Holiday Name: 2002

Format: mm/dd

01/01	12/25	/	/	/	/	/	/
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/

Save Delete Close

**Send**

Select the Reader (Door) Address

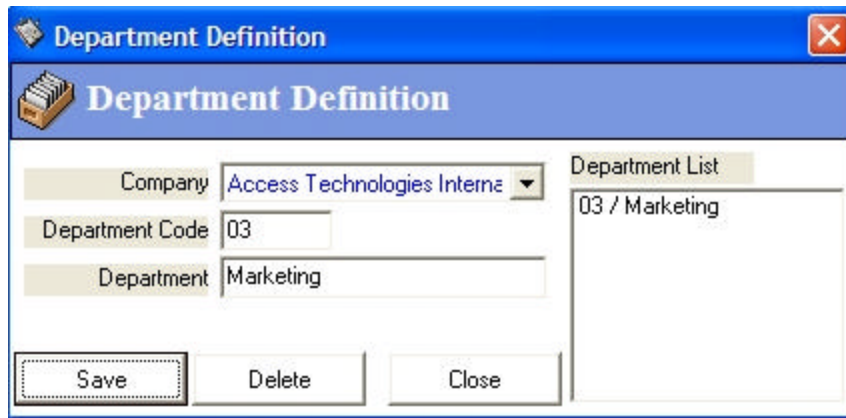
- ☐ 00 00
- ☐ 01 01
- ☐ 02 02
- ☐ 03 03
- ☐ 04 04
- ☒ 05 05

Send

- ? **Holiday Code** is used from 01 to 10 and one code can register 32 holidays the maximum.
- ? Input a **Holiday Name** and **Holiday Date**.
- ? Click '**Save**' button to save.
- ? Select a StarAccess2000 system's address to register in **Select the Reader (Door) Address**. (Multi-selection is possible.)
- ? Click "**Send**" button to transmit.
- ? If '**Success**' message is showed, this procedure is finished. Click '**Close**' button to exit.
- ? When want to change a holiday, you select code to change in **Holiday Code**. Then change the holiday. Click '**Save**' button to save. (Click "**Send**" button to transmit again after modifying.)
- ? Click '**Delete**' button after selecting **Holiday Code** to want to delete.

- **Department Definition**

Creates Department list.



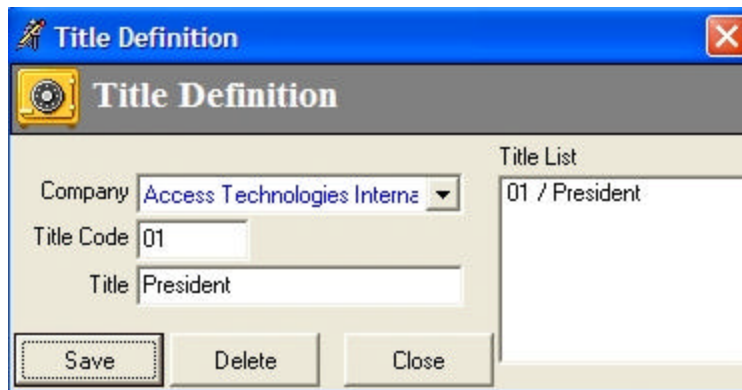
- ? Selects **Company**.
- ? Enter value in **Department Code** field.
- ? Enter value in **Department** field.
- ? Click '**Save**' button to save.
- ? To modify or delete, selects Department name in **Department List**.

To modify, modifies Department name, then click '**Save**' button to save modified data.

To delete, click '**Delete**' button

- **Job Title Definition**

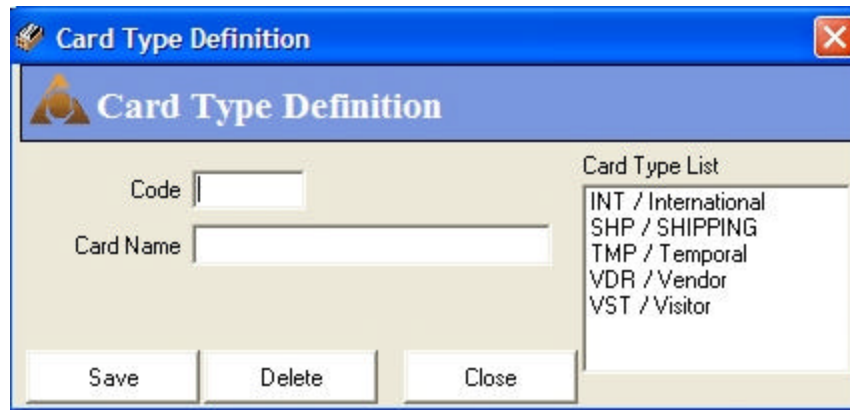
Creates Title codes, Titles listings.



- ? Selects '**Company**'.
- ? Inputs title code in **Title Code** field.
- ? Inputs title name in **Title** field.
- ? Click '**Save**' button to save.
- ? To modify or delete, selects title to modify or delete in **Title List**.
- ? To modify, modifies title name, then click '**Save**' button to save modified data. To delete, click '**Delete**' button.

- **Card Type Definition**

Register Card Types to identify the cardholders card type such as vendors, visitors, temporal, etc.



- ? Enter a value in **Code**.
- ? Enter a Name in **Card Name**.
- ? Click '**Save**' button to save.
- ? To modify or delete, select Type Name in **Card Type List**.

To modify, modifies Type Name, then click '**Save**' button to save modified data. To delete, click '**Delete**' button

#### 4.4 Options

- **Reader Mode Definition**

StarAccess2000 system has two or three security mode. One is RDR Mode, the other RDR + Password Mode.

If **RDR Mode** is selected, a panel will operate on a Card Only Mode. Then, allows valid cards access.

If **RDR + Password** is selected, a panel operates on a Card + Password Mode. Then, allows access when receives card read and Password.

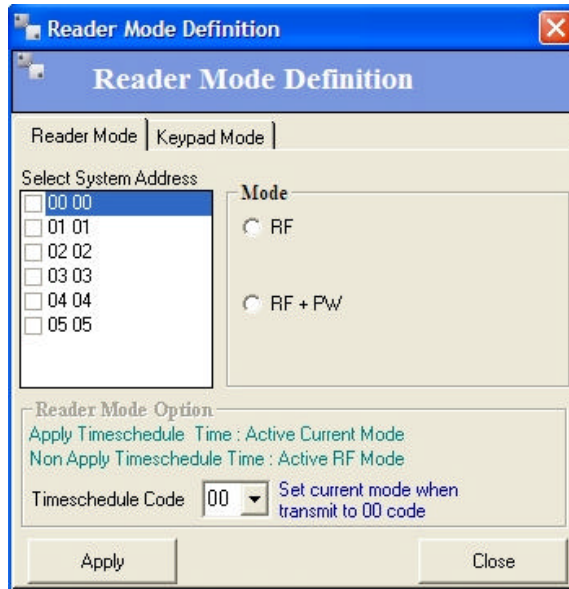
- ? Click Mode button to change
- ? Select an address in **Select the Reader (Door) Address** (Multi-selection is possible).
- ? Click '**Apply**' button to send.

#### Reference: Reader Mode Option

When apply to Timeschedule is operated **RDR** Card + Password mode. But when doesn't apply to Timeschedule is operated **RDR** Card Only.

Click '**RDR Card + Password**' button, and then will enable '**Reader Mode Option**' frame. Timeschedule is '00', then is operated RDR Card + Password and '01-10', then is operated RDR Card + Password when is application time or operated RDR Card Only.

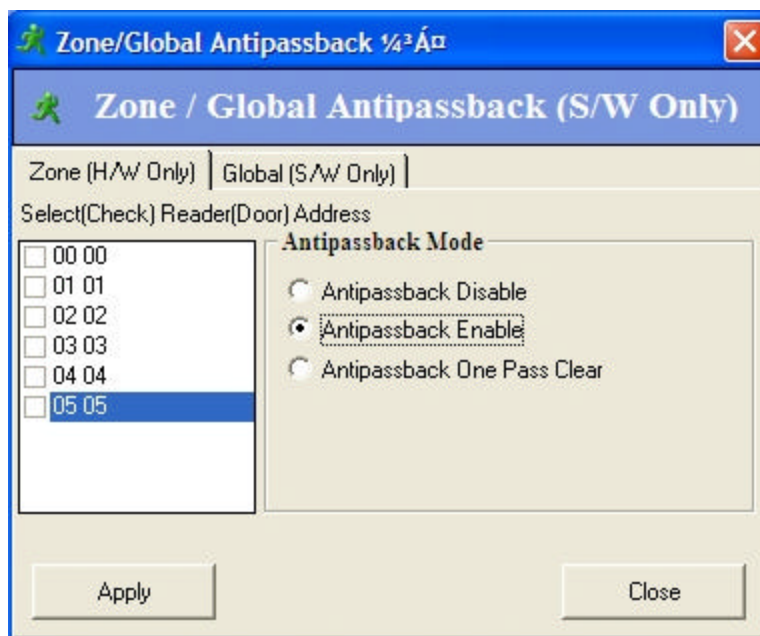
Keypad Mode allows you to input PIN numbers when using a KEYPAD Reader.



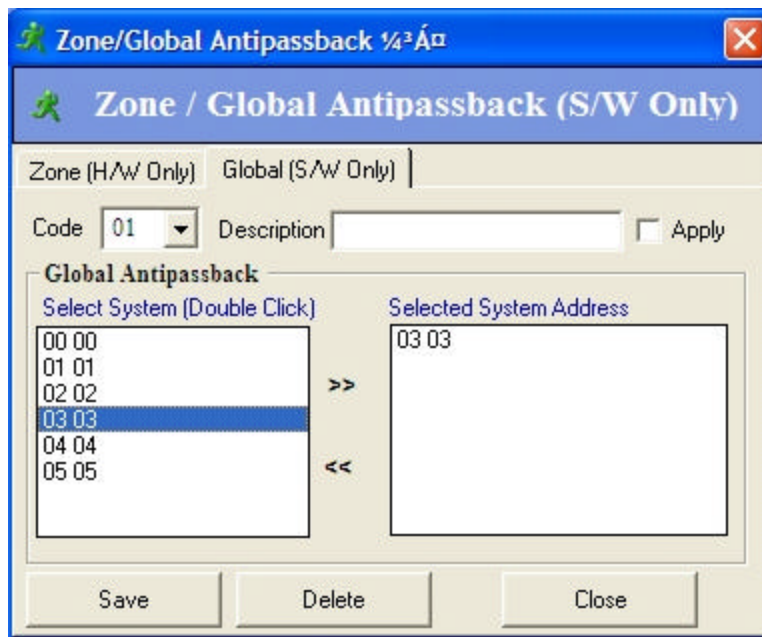
- **Anti-passback Definition**

Anti-passback is that controls a card's movement through the system by knowing the card's current location and what areas he can move to/from the location. This transmits whether to use relevant functions or not.

If Antipassback is used, a second reader must be used. When a cardholder uses a card to enter an area, the cardholder must use the same method to exit. If user doesn't use card when come in entry, can't go out.



- ? Click mode button to change.
- ? Select the address of StarAccess2000 registering in **Select the Reader (Door) Address**. (Multi-selection is possible.)
- ? Click '**Apply**' button to send.



### \* Zone Anti-passback

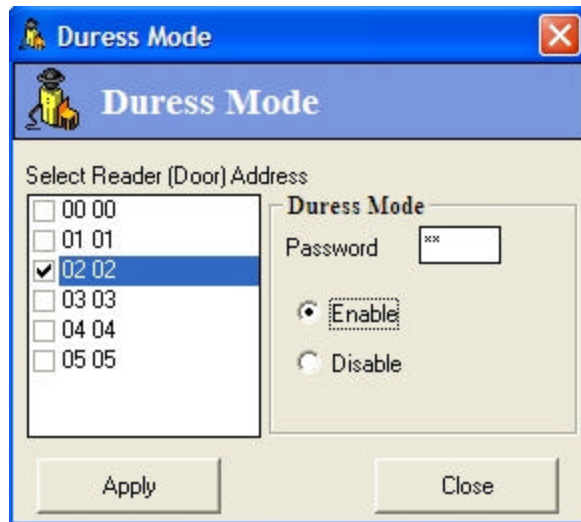
- Limit entrance through reader connected one system. In panel mode, one system establish two readers, it is a match. When information of entrance and exit are equal, permits entrance.

### \* Global Anti-passback

- Limit entrance through reader connected several systems. It isn't itself function in SA-2000. It is established Global Anti-passback to be possible as Software. To use Global Anti-passback, Software must be operated for 24 hours.

- **Duress Mode Definition**

In emergency, after cardholder enters a 2-digit password before a card read. Then, Duress mode is operated, then alarm status reports according to setting.



- **Set Time & Attendance Time**

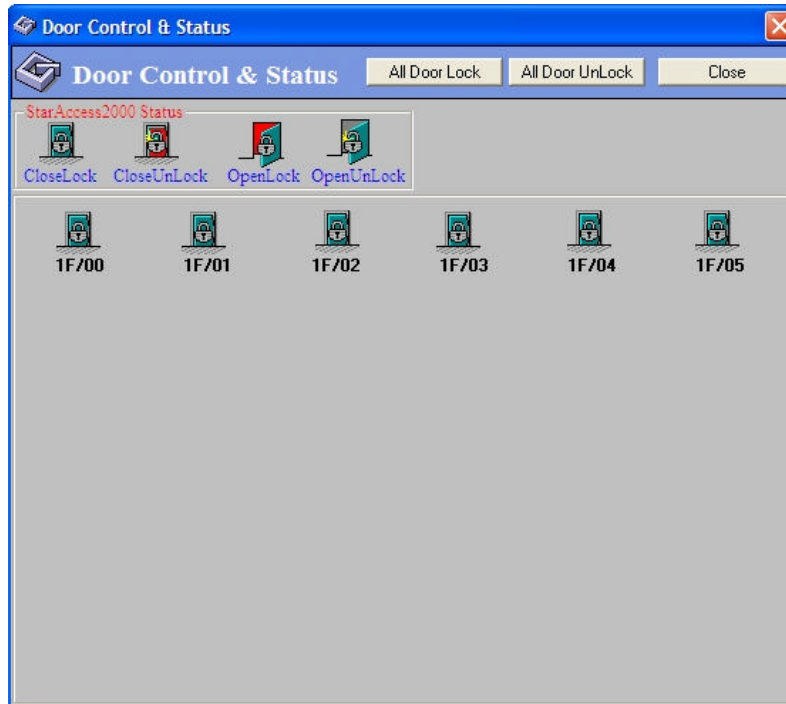


Allows to enter the starting and ending time per company in order to set attendance time.

### 4.4 Status

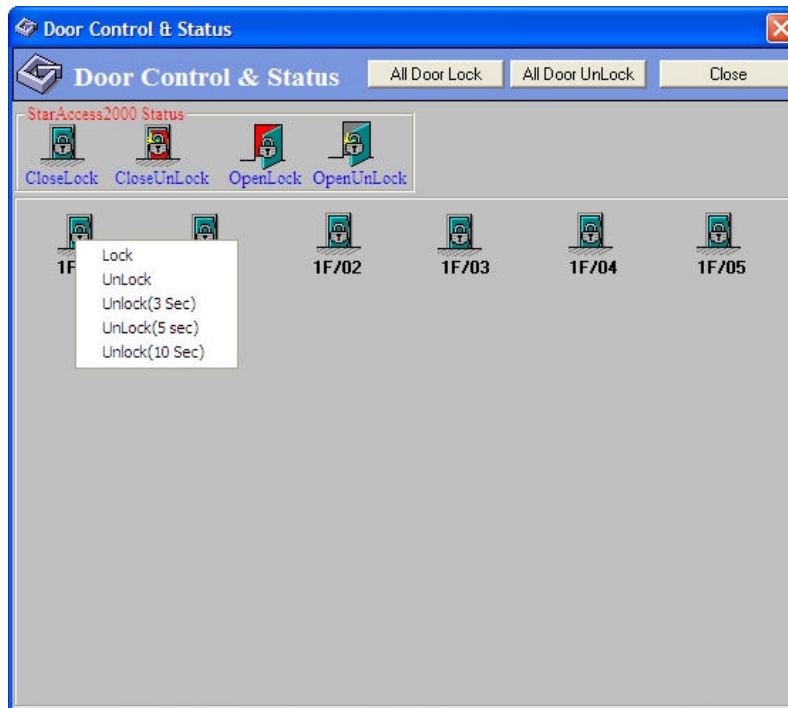
- **Door Control & Status**

Identify status of entry/exit door's Open, Close by real time when to control Lock, UnLock of entry/exit door or to install status of entry/exit door's Lock, UnLock and Contact



? When click mouse's right button in entry/exit door to Lock or UnLock, following figure will appear.





- ? If you select **Lock**, a relevant entry/exit door is locked, or unlocked. Also if select **UnLock 5(sec)**, maintain UnLock for 5 sec. Then Lock again automatically.

### Point: Icon Status & Button

**All Door Lock:** Lock all registered entry/exit doors.

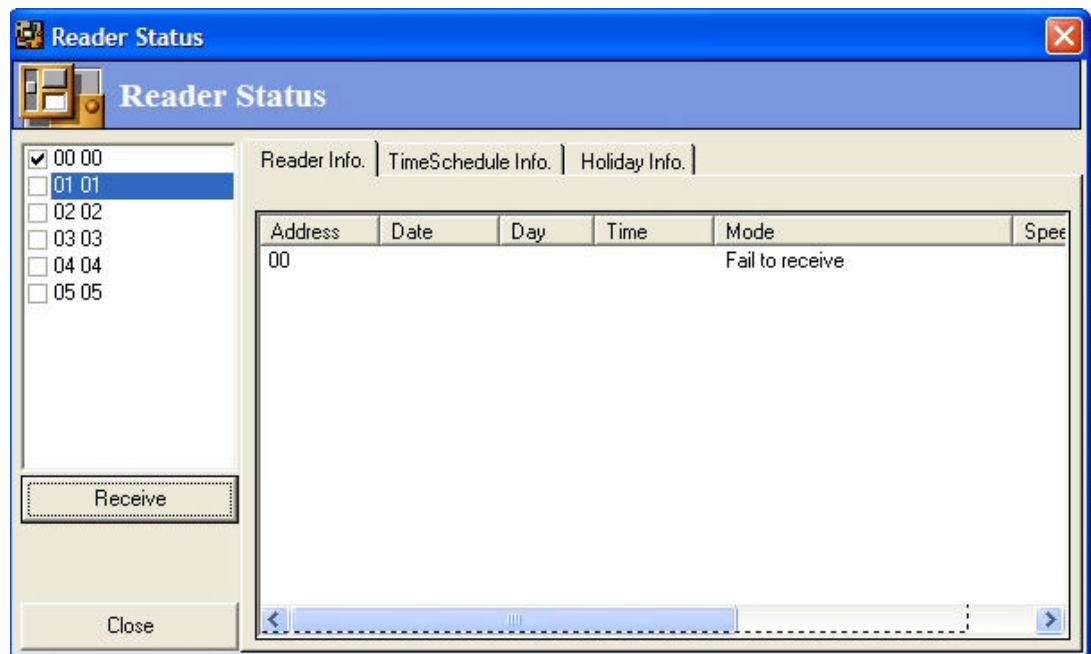
**All Door UnLock:** Unlock all registered entry/exit doors.



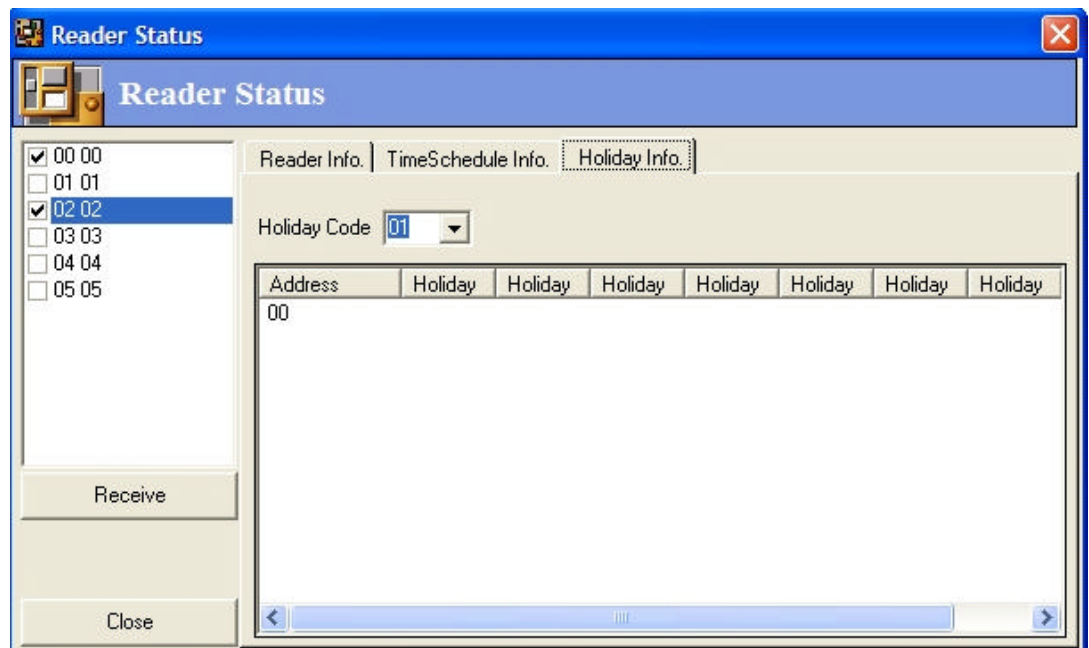
- CloseLock : Entry/exit door is locked and Contact is closed.
- CloseUnLock : Entry/exit door is unlocked and Contact is closed.
- OpenLock : Entry/exit door is locked and Contact is opened.
- OpenUnLock : Entry/exit door is unlocked and Contact is opened.

- **Reader Status**

Reader Status receives basic information of set system (StarAccess2000). Date, Identity reader information, Anti-passBack, Reader Mode, Baud Rate, Eight Digit Input Mode, Time Schedule, Holiday.



- ? Select panel address to receive information.
- ? Show device information of selected system when click '**Receive**' button.
- ? Identify the registered holiday's information or registered a time range of Time schedule.



- **Event Status**

Appear event of Access granted and Fingerprint granted, information of Exit button. You can see current attendance's status through **Event Status** window by real time.

[illegible]

- **Alarm Event:** Indicate information of Access Denied, Finger Error, Timeschedule error, Access door error, Anti-passback error, Contact, Sensor, Fire, Tamper alarm.

[illegible]

- **Communication Status**  
Appear Communication Status of between StarAccess2000 system and program.

Communication Status

Clear Minimize

Rx

Tx  
101V900?01

## 4.6 Report

- **Card Holder Report**  
Search and print user list registered in user registration.



The screenshot shows a Windows-style application window titled "Card Holder Report". Inside, there's a section labeled "Search Option" with a small icon of a document. Below this, there are several input fields: "Company", "Department", "Title", "Last Name", "First Name", "Employee Ref.", and "Card No.". Each field is a dropdown menu. At the bottom of the form, there are two buttons: "Print" and "Close".

- ? Select or input condition of **Company, Department, Title, Employee Ref., Last Name, First Name, and Card No.** as user need to search. (If you don't input condition to search at all, registered user's all lists are printed.)
- ? Click '**Print**' button, then appear 'preview' screen.
- ? Click '**Preview**' button in 'preview' screen, then print the Report.



The screenshot shows a preview of the report. It has a title bar "Card Holder Report" and a toolbar with icons for print, zoom, and navigation. Below the title, it says "Printed Date: 5/9/2002 11:26:35 AM". The main content is a table with the following columns: "Employee Ref.", "Last Name", "First Name", "Card No.", "Company", "Department", and "Title".

Employee Ref.	Last Name	First Name	Card No.	Company	Department	Title
12345	Strobin	Heather	00061525	Access Technologies International, Inc.	Marketing	President

- **Event Report**

Search and print information relevant access event status.

**Event Report**

**Search Option**

Date: 7 / 6 / 2002 From: 7 / 6 / 2002 To: 7 / 6 / 2002

Time: 00:00 23:59

Company: ATI

Department: Marketing

Last Name: Strosin First Name: Heather

Employee No.: 12345 Site # / Card #: 00812345

Floor: 1F

Door: Accountin

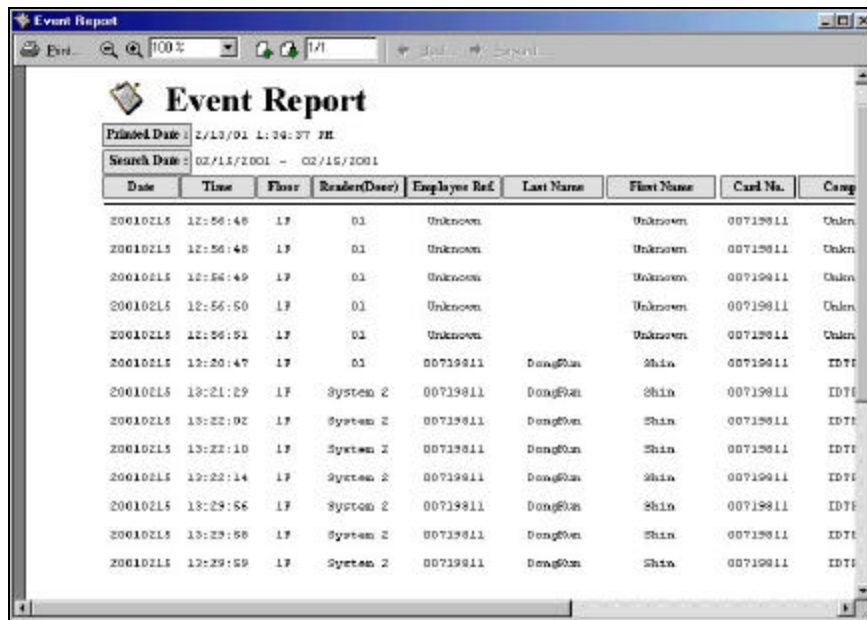
Card Holder Type: Delivery

Print Export Close

- ? Must input **Date, Time** because of required condition.
- ? Input or select only condition of **Company, Department, Last Name, Card No.**, etc that user need to search. (If you don't input condition to search, registered user's all lists relevant Date and Time are printed.)
- ? Click '**Print**' button, then appear 'preview' screen.
- ? Click '**Print**' button in 'preview' screen, then print the Report.

### Reference: Export Button

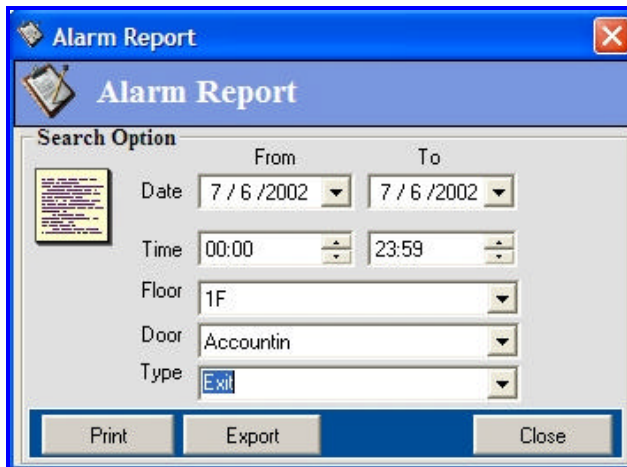
Export Button change searched data to specific file, then save. Using Export Button, you can save searched data by format of Text File or Microsoft Excel File.



The screenshot shows the 'Event Report' window. It has a title bar with 'Event Report' and standard window controls. Below the title bar is a toolbar with icons for Print, Find, and Zoom. The main area displays a table of events. The table has columns: Date, Time, Floor, Reader(Door), Employee Ref, Last Name, First Name, Card No., and Comp. The data rows show various events, including 'Access Denied' and 'Finger Error'.

Date	Time	Floor	Reader(Door)	Employee Ref	Last Name	First Name	Card No.	Comp
20010215	12:56:48	1F	01	Unknown	Unknown	Unknown	00719811	Unkn
20010215	12:56:48	1F	01	Unknown	Unknown	Unknown	00719811	Unkn
20010215	12:56:49	1F	01	Unknown	Unknown	Unknown	00719811	Unkn
20010215	12:56:50	1F	01	Unknown	Unknown	Unknown	00719811	Unkn
20010215	12:56:51	1F	01	Unknown	Unknown	Unknown	00719811	Unkn
20010215	12:56:47	1F	01	00719811	DongShan	Shin	00719811	IDTF
20010215	13:21:29	1F	System 2	00719811	DongShan	Shin	00719811	IDTF
20010215	13:21:02	1F	System 2	00719811	DongShan	Shin	00719811	IDTF
20010215	13:21:10	1F	System 2	00719811	DongShan	Shin	00719811	IDTF
20010215	13:22:14	1F	System 2	00719811	DongShan	Shin	00719811	IDTF
20010215	13:23:56	1F	System 2	00719811	DongShan	Shin	00719811	IDTF
20010215	13:23:58	1F	System 2	00719811	DongShan	Shin	00719811	IDTF
20010215	13:23:59	1F	System 2	00719811	DongShan	Shin	00719811	IDTF

- **Alarm Report:** Search and print data of Access Denied, Finger Error, Timeschedule error, Access door error, Anti-passback error, Contact, Sensor, Fire, etc in alarm Event Status.



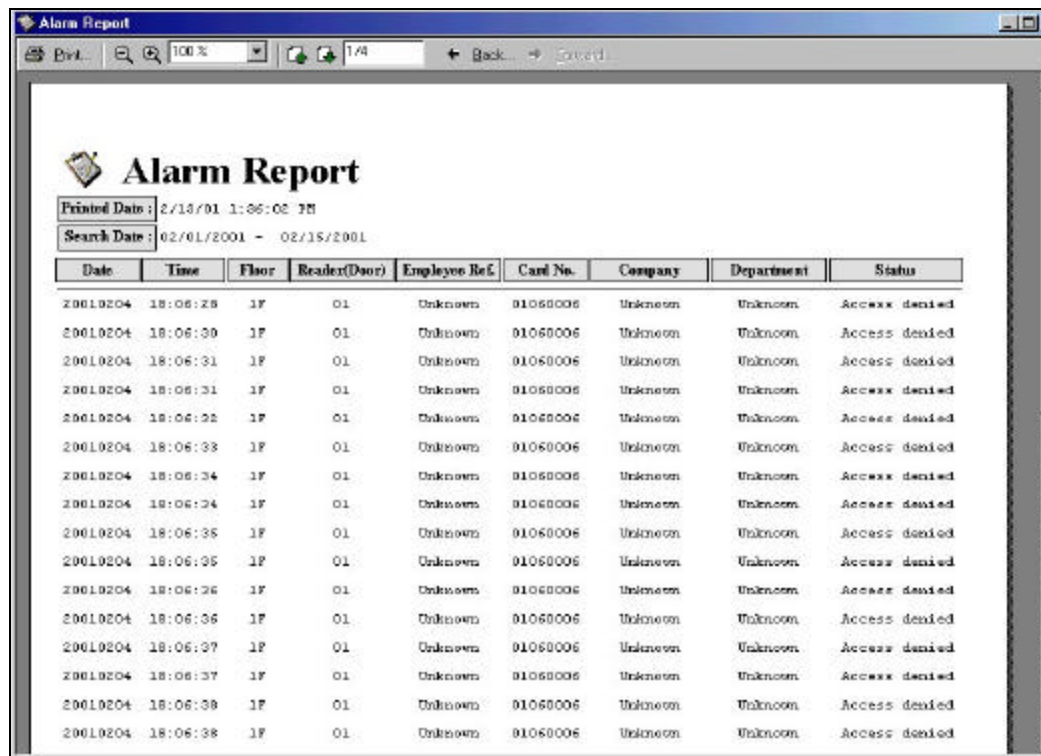
The screenshot shows the 'Alarm Report' window. It has a title bar with 'Alarm Report' and standard window controls. Below the title bar is a toolbar with icons for Print, Find, and Zoom. The main area displays a 'Search Option' section with fields for Date, Time, Floor, Door, and Type. The Date field is set to 7/6/2002, Time to 00:00 to 23:59, Floor to 1F, Door to Accountin, and Type to Exit. There are buttons for Print, Export, and Close.

Search Option
Date: 7/6/2002
Time: 00:00 to 23:59
Floor: 1F
Door: Accountin
Type: Exit

- ? Must input **Date, Time** because of required condition.
- ? Enter condition of **Floor, Door, Type** that user need to search. (If you don't input condition to search, registered user's all lists relevant Date and Time are printed.)
- ? Click '**Print**' button, then appear 'preview' screen.
- ? Click '**Print**' button in 'preview' screen, then print the Report.

### Reference: Export Button

Export Button change searched data to specific file, then save. Using Export Button, you can save searched data by format of Text File or Microsoft Excel File.



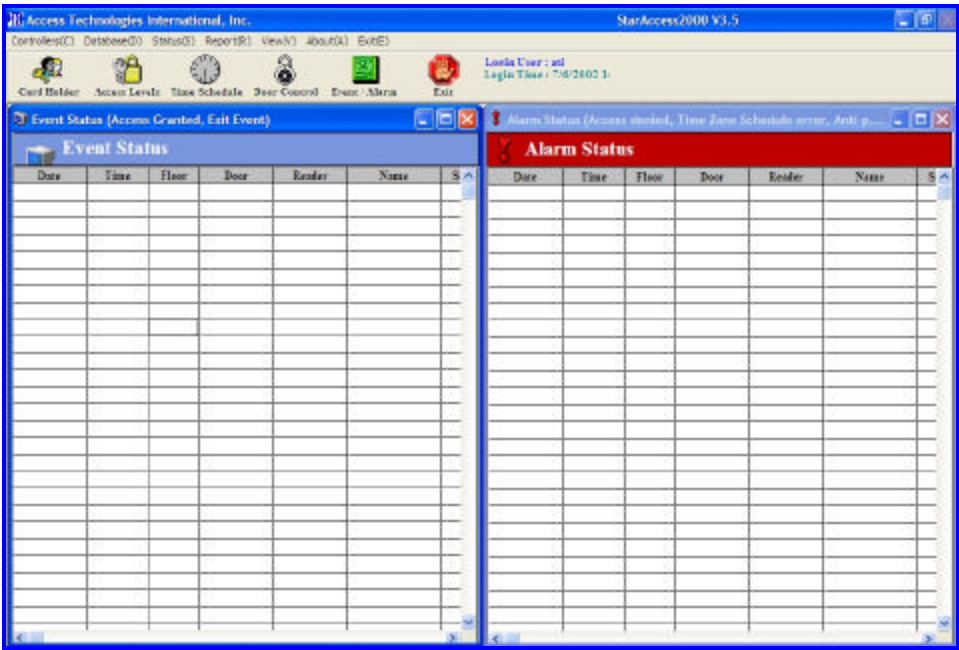
Date	Time	Floor	Reader(Door)	Employee Ref.	Card No.	Company	Department	Status
20010204	18:06:28	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:30	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:31	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:31	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:32	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:33	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:34	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:34	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:35	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:35	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:36	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:36	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:36	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:37	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:37	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:38	1F	01	Unknown	01060006	Unknown	Unknown	Access denied
20010204	18:06:38	1F	01	Unknown	01060006	Unknown	Unknown	Access denied

### 4.7 View

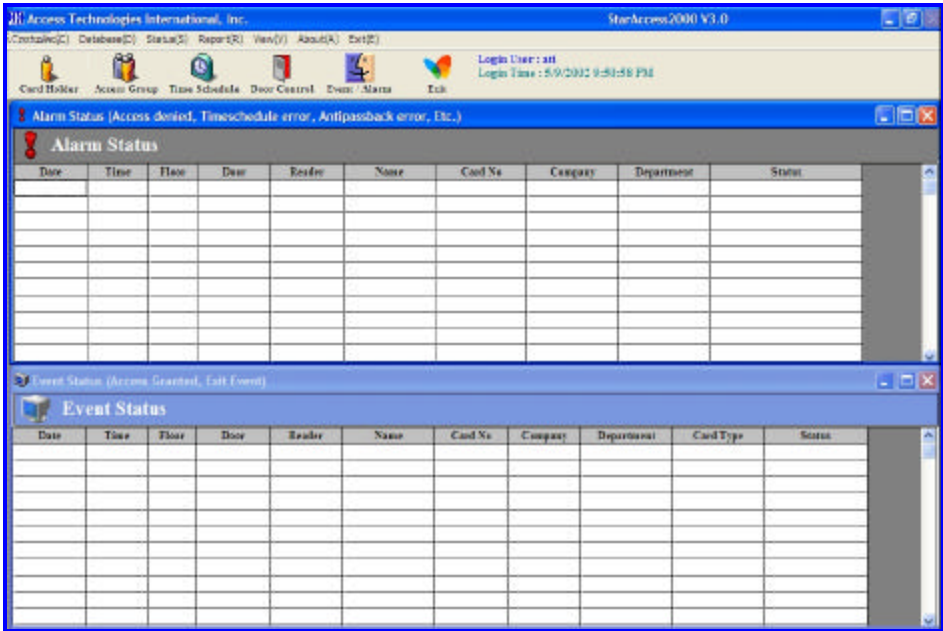
- Vertical

Windows in the main screen align vertically.





- **Horizontal**  
Windows in the main screen align horizontally.



4.8 About

- **Program Information**  
Show this program information.





### 4.09 Exit